

Archaic Sumerian Pictographic Signs with Meanings

by
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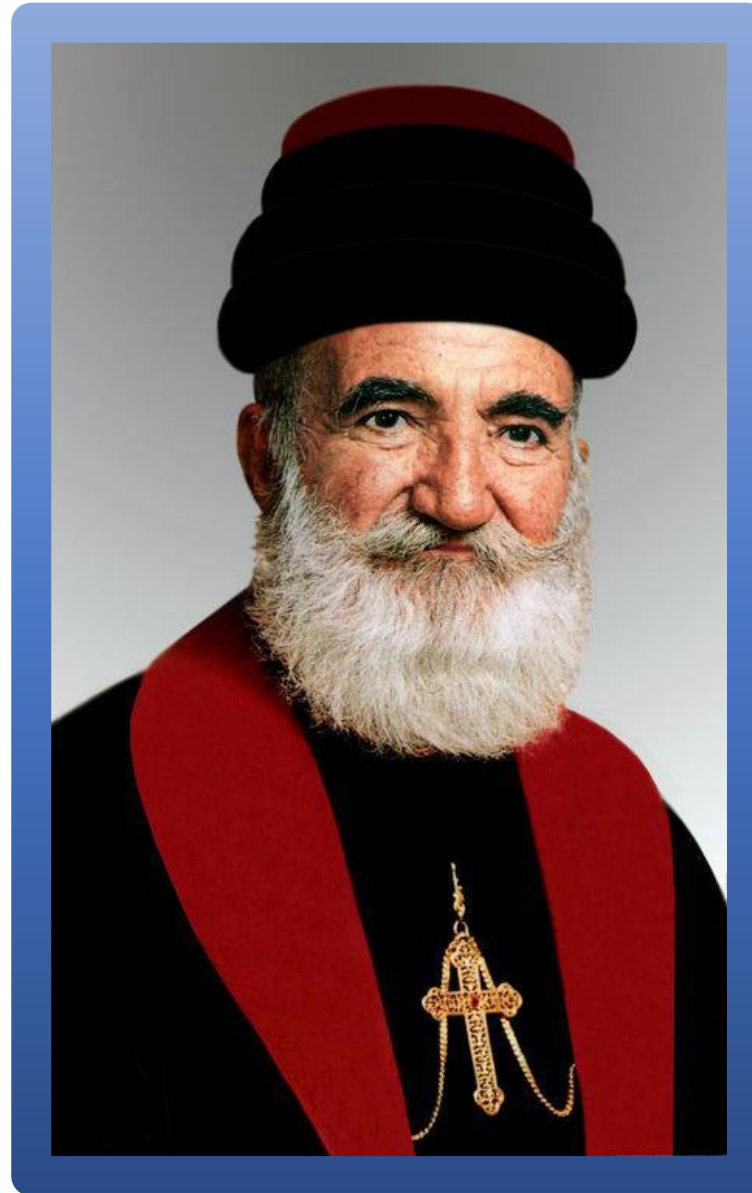
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Acknowledgement

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I dedicate this book in memory of His Holiness † Mar Yousip Khnanisho
Archbishop of Shamisdin and Rustaqa



Seventy-Two Years of Dedication Toward His People, Church and Assyrian Nation
Thursday, May 18, 1893 (Mar Ishoo, Turkey) – Sunday, July 3, 1977 (Baghdad, Iraq)

Sign Name	Sign	Variant(s)
Syllabic Value(s)		
Meaning(s)		

Example

ÁB



áb; áp; le₈; let; li₈; lid; lit; liti; liṭ; liṭi; mul_x; rém; réme; rím; rímu

áb = ab[cow]

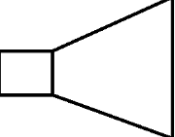


A



'u₄; a; áia; áya; bar_x; buniĝ_x; bur_x; dur₅; duru₅; e₄; ea; èbir; em_x; èpir;
eš₁₀; ĝa₁₀; ia₁₀; id₅; me₅; mu₁₄; sed_x; šeg_x; țin₅; ya₁₀

e₄ = e[house]; a = a[arm]; a = ak[do]; a = an[sky]; a = a[water];
a = e[leave]; a = me[be]; id₅ = id[river]; a = e[speak];
{+a-ru₁₂-da}urud = urud[copper]; áya = aya[father]; dur₅ = tur[ill];
duru₅, {+du-ru}duru₅, {+du-ur}duru₅ = duru[wet]; áya = aya[cry]; a = u[ride];
eš₁₀ = eš[three]; a = a'aĝa[assignment]; a = ad[voice];
{+a-ga}{+ga}àga = aga[ax]; {ĝeš}èbir = ebir[vessel-stand]; a = e[interjection];
{+a-la-ad}{d}alad, {+a-la-ad}alad = alad[spirit]; {+a-ma-gi}amagi = amagi[frost];
A = ayaya[grandfather]; {+a-da-mu}adama = adama[discharge]; eš₁₀ = eš[water];
a = a[bird-cry] {d}e₄-{+ki-id}kíd = Ekíd

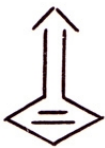
AB  ab; aba; abba; agarin_x; ap; aš_x; eri₁₂; èrigal; ès; èsa; èš; èša; eše_x; èş; èz; giraba; iri₁₂; ìs; iŝ₇; ìş; ìz; unu₅ ab = ab[cow]; ab = ak[do]; ab = uš[die]; èš = eš[shrine]; ab = pa[branch]; {kuš}AB = eš[rope]; èš = eš[three]; ab = ab[sea]; ab, {ĝeš}ab = ab[window]; {kuš}èš = eš[tent]; {ĝeš}AB = AB[a wooden object or structure]	
AB-gunû  ab₄; aba₄; eri₁₁; érigal; erim₅; erin₅; gun₄; guna₄; gunu₄; iri₁₁; írigal; nu₇; sirara₅; unu; unug; úrugál; uruk iri₁₁ = iri[city]; unu = unud[cowherd]; unu = unu[dwelling]; erim₅ = erim[storeroom]; úrugál = irigal[underworld]; {ĝeš}unu, unu = unu[adornment]; gunu₄ = gunu[dwelling]; nu₇ = nu[creator]	

ÁB



áb; áp; le₈; let; li₈; lid; lit; liti; liṭ; liṭi; mul_x; rém; réme; rím; rímu
áb = ab[cow]

ÁB×ŠÀ



gir₉; kír; kiri₉; libiš; lipiš; šèm; šag_x; šèm; ùb
gir₉, {dug}gir₉, {ġeš}gir₉ = gir[jar]; lipiš, {ġeš}lipiš = lipiš[innards];
ùb, {kuš}ùb = ub[drum]; šèm, {gi}šèm, {urud}šèm = šem[drum]

AD

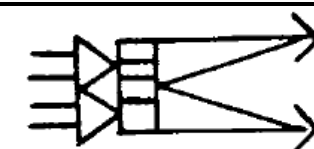
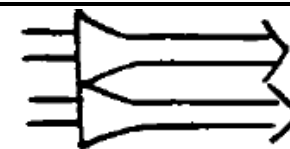


àb; àba; ad; ada; àp; at; aṭ
ad = ad[voice]; ad, {na₄}ad = ad[bead]; {ġeš}ad, ad = ad[log];
ad = ad[crippled]; ad = ad[official]; ad, {dug}ad = ad[vessel]

$$ak = ak[do]; \quad aq = a\hat{q}[\text{measure}]; \quad me_6 = me[\text{battle}]; \quad \{d\}AK = Nabu$$


```
al = uš[die]; máḥ = mah[great]; al, {ḡeš}al, {urud}al = al[hoe];  
máḥ = mah[mature]; {gi}al = al[fencing]; al = Alla; {ḡeš}máḥ = mah[tree]
```

A diagram of a double-stranded DNA molecule. It consists of two vertical lines representing the sugar-phosphate backbones. Each line has a semi-circular shape at the top, representing a nucleotide. The two lines are connected by three horizontal bars, representing base pairs. The bottom of each line ends in a downward-pointing arrow.



```
alan, {urud}alan, {na4}alan, {ĝeš}alan, {+al}alan, {d}alan = alan[image];  
{d}ALAN = Timua
```


AMAR



amar; már; mára; marad; sur_x; šár; šur; šuru; zur

amar, {+a-mar}amar = amar[young]; zur = zar[sheaf]; zur = sur[harness];
zur = zur[roil]; zur = zur[grain pile]; zur = zurzar[sound]

AN



a₁₁; al_x; am₆; an; ána; anu; d; dalḥamun_x; der; dibur; digir; diġir; dimer;
dimir; dimmer; diner; dingir; dingira; dinir; dīr; èl; éššu; il; ila; ili;
ilu; le₄; mul_x; na_x; sa₈; sag_x; šegan_x; šubul; šà; u_x; ul_x; usan_x; za₅

an = a[arm]; an, {ġeš}an = an[sky]; am₆ = me[be]; diġir = diġir[deity];
an, {d}an = An; an = aġ[thing]; sag_x(AN) = azag[taboo];

{d}{+ša₁₀-ḥa-an} | ḪI×NUN.ME | {+gu-du}-an = Šaḥan; {d}{+a-la-la}ALAN = Alala;

{d}{+dal-ḥa-mun}dálḥamun, {d}{+dal-ḥa-mun}dàlḥamun, {d}{+dal-ḥa-mun}dalḥamun₆ = Dalḥamun;

{d}{mul}{+i-ku-u}iku = Iku[Field]; {d}{+ḥa-ar}ḥár, {d}{+x-x}ḥár = Ḥar; ilu = ilu[god];

{d}{+mu-rim}murim, {d}{+mu-ur}murim, {d}{+mu-ú-ru-u} | U.U |, {d}{+mu-ri-im}murim = Murum;



7



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AN = PA.sùd[profession]; {d}{+ša-lam}šalam = Šalam;
{d}{+šá-maš}20, {d}{+šá-maš}šamaš = Šamaš; {d}{+un-ke-en}ukkin, {d}{+un-ki-in}ukkin = Ukin;
{d}{+a-la-du}álad, {d}{+a-lad}alad = Alad; {d}{+am-na}amna = Amna;
{d}{+bi-še-ba}bíšeba, {d}{+bi-še-bi}bišeba = Bišeba; {d}{+pu-zu-ur}púzur = Puzur;
{d}{+šè-ri5-da}šerrida = Šerrida; {d}{+nin-urta}uru4, {d}{+ú-rum}uru4 = Uru;
{d}{+du-ur}duru5 = Duru; {d}{+il-ba}ilba = Il-aba;
{d}{+maḥ-di-an-na}kab-ta-zib-ta = Kabtazibta; {d}{+kaš-še-ba}káššeba = Kaššeba;
{d}{+mu-ri-im}murim = Murim; {d}{+x-x-bi}nagbu = Nagbu[Spring];
{d}{+nim-gír-gír-re}nimgigre = Nimgirgire; {d}{+nim-ġír-ġír-re}nīmġirġirri = Nimġirġire;
{d}{+x}{+si-ki}síg = Sig; {d}{+šu-gur}LUGAL = Šugur

```

AN&AN

*

*

mal_x; mul_x; nab; nap; nub_x; tilla_x

nab = nab[god (Elamite)]; {d}nab, nab = Nab; {d}nap = Nap; nab = nab[musician]

3×AN



kùnga; kùngi; mul; mulu; mun_x; náp; súhub; šúhub; šún

mulu = mulu[person]; {kuš} súhub, súhub = suhub[boots]; mul = mul[star];
súhub = suhub[~oxen]; {d} mul = mul[insect]; šún = šun[shine];
súhub = suhub[tread]; súhub = suhub[rim]

ANŠE



amara_x; anše; anši; anšu; sumugan_x; šàgan; šàkan

anše, {ĝeš} anše, {+an-šu} anše = anše[equid]; {d} šàkan = Šakkan;
ANŠE, GÌR = šakkan[equid]; {ĝeš} ANŠE, {ĝeš} GÌR = GÌR[weed?];
amara_x(ANŠE) = amara[stack]

APIN



àbsin; àbšin; apin; apina; bin; engar; engara; ereš₄; eriš₄; pin; ur₁₁; uru₄;
uš₈

engar, {lú}engar = engar[farmer]; apin, {ĝeš}apin = apin[plow];
ábsin, {+ab}ábsin = absin[furrow]; uru₄ = uru[sow]; {ĝeš}apin = Apindu'a;
uš₈ = uš[foundation]; ereš₄ = ereš[cultivator]; uru₄ = ari[disease];
{mul}{ĝeš}apin = Apin[Plow]

ARAD



arad; arda; èr; erad; èri; eru; erum; gala_x; ìr; irda; níta; nítaḥ; níta;
nítaḥ; subarrum_x; subur_x; šúbur; urda; urdu; wàr; wardu

arad = arad[slave]; níta, {+ni-ta}níta = nita[male]; èr = ere[go];
èr = ere[slave]; ìr = ir[mighty]; ìr = ir[saying]

Aš

1

àna; às; aš; aša; ašša; àş; àz; dâl; del; dele; deli; déš; dil; dili; díš;
duli_x; eš₂₀; ge₁₅; geš₄; in₆; ina; líri; líru; lírum; mákaš; mákkaš; rám; rim₅;
rù; rum; sagtag; sagtak; saġtak; salugub; santa; santag; santak; simed; šúp;
tâl; teš; til₄; ȕil; zu_x

aš = us[follow]; aš = aš[one]; dili, ^{ú}dili = dili[single]; teš = teš[unity];
díš = diš[one]; aš = aš[curse]; lírum = lirum[strength]; teš = teš[shame];
saġtak = saġtak[triangle]; aš = aš[six]; aš = uš[spittle];
tâl = tal[clamour]; ge₁₅ = ge[blow]; rum = rum[perfect];
aš, ^{+áš}aš = aš[spider]; aš = aš[boil]; mákkaš = makkaš[lamentation];
aš = aš[flour]

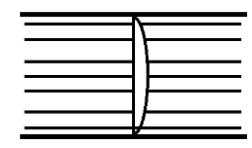
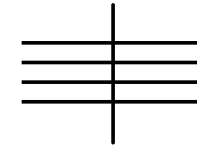
AŠGAB



ašgab; erib; irib; šigagu; šikangu; šikin_x

ašgab, ^{lú}ašgab = ašgab[leatherworker]; ^{d}ašgab = Asarluḫi;
erib = erib[in-law]; erib = erib[leatherworker]; ^{d}ašgab = Ašgab;
šikangu = šikangu[leatherworker]; ^{d}šikangu = Šikangu

ÁŠ



ás; ása; ás; áš; áša; áš; áz; baeš; baneš; dàš; deššu; tàš; úd; udeššu; út;
utu₅

áš = aš[curse]; utu₅ = utu[~cereal];
baneš, ^{dug}baneš, ^{+ba-an}baneš, ^{ĝeš}baneš = baneš[vessel]

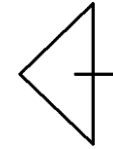
Á



á; aḥ₅; áḥi; ed; et; eṭ; id; ídi; it; iṭ; te₈; ti₈

á, {ġeš}á, {kuš}á, {+a}á, {urud}á, {na₄}á = a[arm]; á = a[water]; id = id[river];
á = aya[cry]; á = a[time]; {kuš}Á = Á[weapon]

BA



ba; be₄; bi₆; libit; pá; wá

ba = bala[turn]; ba = ak[do]; ba = pad[find]; be₄ = e[speak]; ba = ba[allot];
ba = bad[open]; ba = ba[animal]; {ĝeš}ba, ba = ba[tool];
{túg}ba, ba = ba[garment]; ba = ba[half]; be₄ = be[diminish]; ba = bal[rafter];
{dug}ba = ba[vessel]

BAD



ba₉; bad; bada; bara₄; barag_x; bat; bata; baṭ; be; bi₄; bíd; bít; diḥi; dim₇;
edim; enlil_x; eš₇; idin; mát; me₄; med; met; meṭ; mit; miti; mitu; miṭ; múd;
mút; pa_x; pád; pát; páṭ; pè; pét; pì; píđ; pít; piṭ_x; qìt; sugin; sungin;
šumu_x; šiš; te_x; ti₅; tile; ṭel; ṭíl; ulal; zar₅; zara₅; zaz; zis; ziz; zu₄;
zuru₉

```

bad = bad[wall]; ziz = ziz[emmer]; be = e[speak]; eš7 = eš[rope];
    bad = bad[open]; zara5 = sur[spin]; bara4 = barag[spread];
    {ĝeš}múd = mud[tube]; múd, {ĝeš}múd = mud[blood]; ziz = ziz[insect];
    {ĝeš}bad = bad[leg]; be = be[diminish]; {ĝeš}sugin, sugin = sugin[rot];
        ulal = ulal[oven]; BAD = BAD[spare]

```

BALAG

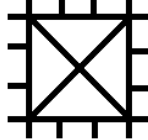


balag; balaĝ; bulug₅; buluĝ₅; bulun_x; búm; bun_x; dim_x; gud₁₀; gudu₁₀; gudun_x;
 ĥur_x; ĥurin_x; lumĥa; pum_x; taka_x

```

    takax(BALAG), takax(LAK492), takax(ŠU) = taka[abandon];
    balaĝ, {ĝeš}balaĝ, {kuš}balaĝ = balaĝ[instrument]; buluĝ5 = buluĝ[grow];
    {+gud}gud10, gud10 = gud[hero]; {d}balaĝ = Balaĝ; {d}lumĥa = Lumĥa;
        {mul}balaĝ = Balaĝ[Drum]

```

BAR			
ba₁₅; bar; bara; bare; pár; pára; sutu; war bar, {kuš}bar, {gi}bar, {ĝeš}bar, {ú}bar, {uzu}bar = bar[outside]; bar = barag[sanctum]; bar = bad[open]; bar = burud[perforate]; bar = barag[sack]; bar, {ĝeš}bar = bar[plow]; bar = bar[wall]			
BÁRA			
bár; bára; barag; par₆; para₁₀; parag; ša₂₃; šar₆; šara {d}šara = Šara; barag = barag[sanctum]; barag = barag[spread]; barag = barag[sack]; barag = barag[mix?]; šara = šara[slander]			



ala_x; bu; bur₁₂; dim₁₃; dul₁₀; dur₇; gazibu; gazimbi; gazinbi; gazinbu; gi₂₇;
 gíd; gída; gìdi; gìdim; gim₇; gít; gít; gúz; ildu_x; ildum_x; kid₁₀; kìm; kit₁₀;
 madal; madla; madlu; madul; malla; mudla; mudlu; mùdra; mùdru; mudul; mulla;
 mullu; nùn; pi₈; pu; qíd; qít; ra₅; sér; si_x; sír; su₁₃; sud₄; sug_x; sur_x; sùš;
 šaški; šašku; šér; šír; šúd; tur₈

gíd, {+gi-id}gíd = gid[long]; gíd, {+gi}gíd = gid[drag]; sud₄ = sud[distant];
 sír = zir[break]; su₁₃ = su[red]; gíd, {ĝeš}gíd = gid[length];
 bu = bur[spread]; bur₁₂, {+bu-u}bur₁₂ = bur[tear]; pu = pu[well];
 dim₁₃ = dim[post]; su₁₃ = su[sprinkle]; {ĝeš}mudul, {ĝeš}{+ma}mudul, {+mu}mudul,
 {urud}{+mu}mudul, {ĝeš}{+mu}mudul, mudul, {urud}mudul = mudul[pole]; gúz = guz[crush];
 sír = sir[bind]; sír, {+si-ir}sír = sir[dense];
 {ĝeš}gazinbu, gazinbu = gazinbu[pole]; {ĝeš}malla, malla = malla[container];
 sír = šer[bright]; {ĝeš}kìm, kìm, {ĝeš}{+gi}kìm, {mu}kìm = kim[willow];
 {ĝeš}gìdim = gidim[device]; sír = sir[check]; {ĝeš}mudla, mudla = mudla[basket];
 nùn = nun[fight]; {ĝeš}šašku, šašku = šašku[pole]; kìm = kim[stone]

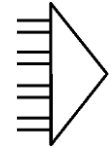
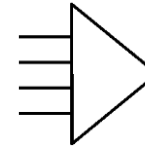
BI



bát_x; bé; bi; biz; dug_x; ebir_x; épir; gaš; ħubur_x; ka₈; kás; kaš; káš; pé; pí;
sa₁₈; siris₄; su₁₅; ša₂₁; šu₁₃

kaš = kaš[beer]; dug_x(BI) = dug[pot]; bé = e[leave]; bé = e[speak];
bé = ed[ascend]; kaš = gaz[kill]; bé = bad[open]; bi = pel[defile];
bi = piš[bank]; kaš = kaš[decision]; {ĝeš}epír, epír = ebir[vessel-stand];
bé = be[one]

BUR



bur; buru; lim_x; par_x; pur; puru

bur = bar[outside]; bur, {na₄}bur, {dug}bur, {urud}bur, {ĝeš}bur = bur[bowl];
bur = bur[tear]; bur = bur[unit]; {ú}bur = bur[grass];
bur, {túg}bur = bur[garment]; bur = bur[priest]

BÚR



bál; bu₈; búl; búlug; búluĝ; búr; búru; du₉; dun₅; púl; su₁₆; sun₅; šum₅; ušu;
ušum

bál = bal[dig]; búr = bur[bowl]; búr, {+bu-ur}búr = bur[spread];
búr = bur[tear]; búlug = bulug[needle]; búluĝ = buluĝ[grow];
búr = barag[sack]; búr = bur[compensate?]; sun₅ = sun[humble];
dun₅ = dun[roam]; {ú}búr, búr = bur[grass]; ušum = ušum[snake];
búr, {túg}búr = bur[garment]; sun₅ = sun[authoritative]; ušu = ušu[alone];
búr = bur[glow]; sun₅ = sun[enter]; ušum = ušum[noble]; búr = buru[disease];
búr = bur[container?]

DA



a_x ; da; di_x ; du_{20} ; idi ; le_{10} ; li_{10} ; qàb; tá; ʔa

da = ak[do]; da = dug[speak]; da = bad[wall]; da = de[carry]; da = dag[side];
da = u[ride]; da = de[go]; {+da-ba-ši-in}dabašin = dabašin[object];
da, {kuš}da = da[line]; da = dag[demolish]; da = dag[dwelling];
da = dag[roam around]; {ġeš}da = da[board]; da = da[idle];
da = dab[go around];
{+nin-da-me-kar}nindamekar(|NÍNDA×(ME.GÁN@-tenû)|) = nindamekar[firer of pots?]

DAG



bàr; bàra; bárag; da_8 ; dag; dak; daq; pàr; pàra; tág; ták; táq; ʔak

bárag = barag[sanctum]; bárag, {+pa-ár}bárag, {+ba}bárag = barag[spread];
dag = dag[demolish]; dag = dag[dwelling]; dag, {+da-ag}dag = dag[roam around];
dag = dag[~field]

DÀG



dàg; dàk; dàq; par₇; tàk; tàq

DAM



da₄; dam; dama; dùm; làm; ta₄; tám; tum₁₀; ɬa₄; ɬam

dam = dam[spouse]; dam = di[speak]; {ġeš}dam = damga[~plow]; dam = tam[trust]

DAR



da_x; dar; dara₆; daš₄; dír; gu_x; gùn; gùnu; tár; tìr; ɬár; ɬir₄

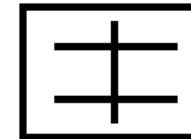
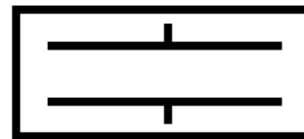
dar = tar[cut]; gùn = gunu[speckled]; dar = mašdarea[payment];
dar = dar[split]; dar = dar[drip?]



de; di; du_x; sá; sál; salagud; salgud; salim; se₈; si₈; sili_x; silim; silima;
 sìim; sisa_x; šá; ša₁₈; šùl; te₁₀; ti₄; ȝe; ȝi

ti₄ = teĝ[near]; sá = sa[bundle]; sá = saĝ[head]; di = du[spread];
 di = dim[create]; de = de[carry]; de = de[pour]; de = deg[collect];
 sá, {+sa-a}sá = sa[equal]; sá = za'e[you]; sá = si[fill]; sá = sa[sinew];
 di = di[speak]; sá = sag[beat]; di = did[lawsuit]; de = de[go];
 silim = silim[healthy]; {+di-me-er}dimmer = dimmer[deity]; di = dim[post];
 sá, {+sa}sá = sa[advice]; {+di-li-ib}dílib = dilib[hair]; sá = saga[press?];
 di = dib[burn]; sá = sig[tie]; {d}me{+me}-{+di-im}dím-{+ša}ša₄ = Medimša;
 de = de[fall]

DIB



dab; daba; dabe; dap; deb; di_x; dib; dibi; dip; dubba_x; dul₈; nu₁₂; teb; tep;
tib; tip; ɽàb; ɽàp; ɽeb; ɽep; ɽib; ɽip

```
dab, {+da-ab}dab, {+di-ib}dab = dab[seize]; dib = dib[pass];  
dib, {êeš}dib = dib[board]; dib = dib[burn]; dab = idib[threshold]
```

DIM



di₁₁; dim; dum₄; mùn; tà_m; tem; tì; tim; tum₈; ɽem; ɽi_x; ɽim

```
dim = dim[create]; mùn = mun[salt]; dim, {êeš}dim, {gi}dim = dim[post];  
dim = dim[helpless]; dim = dim[plant]
```

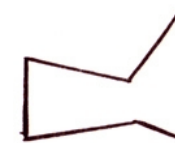
DÍM



dém; di_x; dí_m; dí_{ma}; ge₁₈; gem; gen₇; gi₁₈; gim; gimi; gin₇; ke₅; kem; ki₅; kim;
kin₈; mušda; mušdam; mušdama; qim; šidi; šidim; šilam_x; šitalam_x; šitim; tam₆;
tém; tím

gin₇ = ĝen[go]; dí_m = dim[create]; šidim = šidim[builder]; gen₇ = gin[firm];
dí_m, {ĝeš}dí_m = dim[post]; {d}mušdama = Mušdama; dí_m = dim[make equal];
mušdama = mušdama[builder]

DU



ar₆; ara₆; aragub; de₆; di₆; du; dul_x; er₁₀; ge₁₃; gen; gim₆; gin; gina_x; gir₇;
gub; guba; gubu; gup; ĝen; ĝim₆; ĝin; im₆; ir₁₀; kaš₅; kim₆; kin₇; ku_x; kub;
kup; kur_x; laḥ₆; mèn; mi_x; na_x; ninda_x; qub; qup; rá; re₆; ri₆; su_x; ša₄; še₁₃;
tù; tú_m; tú_{ma}; tú_{mu}; tùm; ur₈

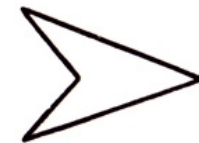
du = udu[sheep]; du = du[build]; du = du[go]; gub, {+gu-ub}gub = gub[stand];
du = tug[textile]; du = dug[speak]; ĝen = ĝen[go]; du = du[spread];
mèn = me[be]; kur_x(DU), kur_x(LIL) = kur[enter]; kaš₅ = kaš[runner];


```

de6 = de[carry]; du = mada[land]; {+ninda}nindax(DU), nindax(DU) = nindan[pole];
du = dug[good]; de6 = de[pour]; de6 = deg[collect]; rá = raḥ[beat];
gin = gin[firm]; ša4 = sa[equal]; re6 = ere[go]; du = tur[ill];
túm = tum[bring]; ġen = ġa'e[I]; du = duḥ[loosen]; gin = kin[sickle];
du = dub[tremble]; du = dud[mound]; laḥ6 = laḥ[bring]; du = de[go];
túm = tum[carry]; {+du-uṭ-ṭu}DIŠ = lidga[vessel]; du = du[perfect];
sux(DU) = sug[stand]; du = dub[knee]; ir10 = ir[bring]; túm = tum[suitable];
du = tu[incantation]; mèn = men[tiara]; gub = gab[left]; du = du[hold];
du = du[play]; im6 = im[run]; gub = gub[~sheep]; gub, {ġeš}gub = gub[a stand];
gir7 = gir[stranger]; mén = men[go]; rá = ra[produce]; {mu}ġen = kim[willow];
gub = gaba[~sheep]; gir7 = gir[runner]; aragub = aragubba[~mathematics];
DU = DU[drive]

```

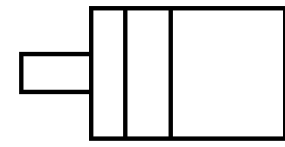
DIN



dan₅; den; din; dini; gurun₈; idin_x; itin_x; kúrun; tén; til_x; tìm; tin; ṭen;
ṭin

tin = til[live]; kúrun = kurun[beer]; tin = tin[wine]; tin = tin[vine]

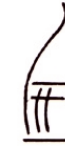
DUB



dab₄; deḥ; deḥi; diḥ; dub; duba; dubba; dubu; dup; kešeb_x; kišeb; kišib;
le'um; mèbulug; mènbulug; més; samag; simig; sumug; šen₄; teḥe; teḥi; tub;
tup; ṭub; ṭup; úrud; úrudu; zamug

kišib, {na₄}kišib = kišib[seal]; úrud = urud[copper];
dub, {ḡeš}dub, {im}dub = dub[tablet]; dub, {+du-ub}dub, {+tu-ub}dub = dub[heap];
dub = dub[tremble]; {ḡeš}teḥi = diḥ[weed]; dub = dub[knee]; més = mes[hero];
samag = samag[birthmark]; dab₄, {+da-ab}dab₄, {+du-ub}dab₄ = dab[go around];
teḥi = teḥi[approach]; šen₄ = šen[verdigris]; mènbulug = minbulug[pin];
{ḡeš}dub, {na₄}dub, dub = dub[chest]; diḥ = diḥi[illness]; deḥi = deḥi[support];
{ḡeš}DUB, DUB = DUB[pole-pin]

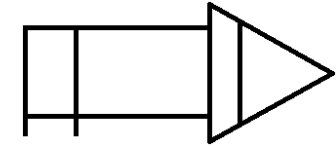
DÚB



dim₅; dúb; dúba; dúbu; dúp; geštin_x; ĝeštin_x; sagkurini; saĝkurini; tìg; tu₁₆;
túb; tun_x; túp; ʔúb

ĝeštin_x(DÚB) = ĝeštin[vine]; dúb, {+tu-ub}dúb, {+du-ub}dúb, {+tu}dúb = dub[tremble];
DÚB = dun[warp]; {d}DÚB = Lumḥa

DUG



bi_x; dug; duk; duka; duq; ebir; épig; epir; gurin_x; guru_x; gurun₇; kurin;
kurum₁₀; kùrun; líʔ; lud; lùm; lùmu; lut; lutu; luʔ; luʔu; si₁₄; šíkin;
şurşub; tùg; tùk; tùq; ulud; urrub; ursub; urşub; urzub; zurzub

dug = dug[speak]; dug, {ĝeš}dug, {zabar}dug, {na₄}dug = dug[pot]; dug = dug[good];
dug = duga[command]; kùrun = kurun[beer]; gurun₇ = gurun[fruit];
{ĝeš}ebir, ebir = ebir[vessel-stand]; {dug}{+ad-kin}adkin = adkin[meat];
lud, {dug}lud = lud[tableware]; lùm, {dug}lùm = lum[vessel];
šíkin, {dug}šíkin = sikin[container]; zurzub = zurzub[vessel];

```

urrub, {dug}urrub = urrub[vessel]; {dug}{+ši-kin}šikinx(AŠGAB) = šikin[vessel];
urrub, {dug}urrub = urrub[vessel]; si14 = si[spider?]; si14 = si[vessel];
lúm = lum[animal]

```

DUN



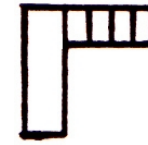
du₂₄; dun; duna; dur₉; duru₉; sàḥ; su₁₇; sul; šáḥ; šáḥa; šàḥan; šul; šulu_x;
 tun₄; zaḥ_x; zeḥ_x; zu₇

```

dur9, {anše}dur9, {d}{anše}dur9 = dur[donkey]; šáḥ, {munus}šáḥ, {ĝeš}šáḥ = šaḥ[pig];
šul, {ĝeš}šul = šul[youth]; dun, {+du-un}dun = dun[dig]; sul = sul[meat];
sul = sul[fatten]; DUN = DUN[~equids]; dun = dun[to be subordinated];
DUN = DUN[~water]; dun = dun[profit]; DUN = DUN[decorate];
šàḥan = šaḥan[heat]

```

DÙN



du₅; dug₅; dul_x; dùn; gin_x; su₁₈; sug₅; tu₁₈; tug₈; tùn; tùna; ʔu

dul_x(DÙN) = dul[cover];
tùn, {kuš}tùn, {ĝeš}tùn, {+x-x?}tùn, {ĝeš}{gi}tùn = tun[container];
tùn, {túg}tùn = tun[lip]; tùn, {urud}tùn, {ĝeš}tùn = tun[ax];
du₅ = dul[lower]; {ku₆}du₅ = du[fish]; DÙN = DÙN[unit]

DÙN-gunû-gunû



aga; agu; ir₁₇; mer; mere; migir; mir; miri; nigir; niĝir; nimgir; nimir_x;
tèn; tìn; uku

mir, {tumu}mir = mir[wind]; niĝir = niĝir[herald]; aga, {+a-ga}aga = aga[tiara];
aga = aga[rear]; mir = meri[foot]; {urud}aga, aga, {ĝeš}aga = aga[ax];
mir = mir[angry]; mir, {muš}mir = mir[snake];
{+me-er}mer, mer, {+x}mer = mer[scorpion]; {zabar}aga = aga[vessel];
{d}DÙN-gunû-gunû = MIR

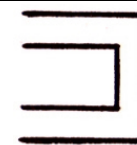
DUN₄



dul₄; dun₄; mígir; nígir; níġir; nímgir; šudul₄; šudun₄; šutul₄; šutun₄; tul₆

```
dul4 = dul[cover]; {ġeš}šudul4, šudul4 = šudul[yoke];  
níġir, {d}níġir = níġir[herald]; dun4 = dun[warp]; dul4 = dul[textile];  
dun4 = dun[weapon]
```

E



e; ég; eki; i₁₅; íg; pa_x; šuru_x; yì

e = e[house]; e = a[arm]; e = dug[speak]; e = a[water]; e = e[leave];
e = e[speak]; ég = eg[levee]; e = ni[fear]; e = aya[cry]; e = ed[ascend];
e = eh[insect]; E, {ĝeš}{kuš}ZIG = guru[shield]; e = in[abuse];
{+e-mi-iš}émeš = emeš[summer]; e = e[interjection]; {+e-pi-ig}epig = epig[vessel];
e, {kuš}e = e[leather]; e = e[princely?]; e = e[barley?];
{d}{+e} | SAL.TÚG | -{+dim-gul}dimgul = NIN-dimgul;
{d}{+e} | SAL.TÚG | -{+dim-gul} | MÁ.MUG | = NIN-targul

EDIN



bil_x; bir₄; din_x; eden; edena; edim_x; edin; edina; eru₅; érua; gir_x; gur_x;
iden_x; idin_x; la₈; rabita; ri₁₀; rib_x; ru₆
eden = eden[plain]; eden = eden[back]; EDIN = gidim[fork]; {d}edin = EDEN;
eden = Eden

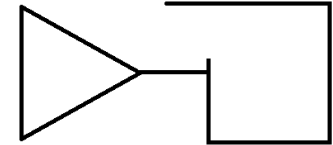
EGIR



eger; egera; egir; êger; êgera; êgir; lumḥa_x; sanga_x; tum₁₃; zib_x

```
egir, {êeš}egir = egir[back]; egir = egir[princess];  
zibx(EGIR), zibx(TUM) = zib[donkey-bridle]; lumḥax(EGIR) = Lumḥa;  
egir = egir[profession]
```

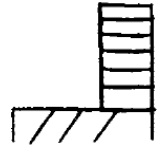
EL



dam; el; éle; eš₁₄; il₅; ili₅; ram; sikil

```
il5 = il[raise]; sikil = sikil[pure]; {ú}sikil = sikil[plant];  
{na4}sikil = sikil[stone]
```

EN



'e_x; 'u_x; ad_x; am_x; en; ena; eni; enu; in₄; ru₁₂; ur_x; uru₁₆; urun_x

en = en[priest]; en = gal[big]; en = a[water]; en = e[leave];

en = e[speak]; en, {d}en = en[lord]; urun_x(EN) = urun[exalted];

EN = EN[~basket]; uru₁₆ = uru[flood]; {+uru}uru₁₆, uru₁₆ = uru[subscript];

urun_x(EN) = urun[pacification]; {d}en = Bel; {d}en-{+ki-bi-ir}kíbir = Enkibir;

urun_x(EN) = urun[clever]; {d}en-{+ga-ra}gára = Engara; {d}en-{+ú-ru}ùri = Enuri;

EN = EN[~onion]

ÉRIN



erem; éren; érena; erim; érin; érina; nura; nuri; nuru; rín; rína; sáp; sig_x;

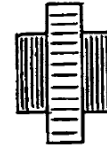
sur_x; şab; şap; şapa; şābu; zab; zálag; zap

érin = erin[people]; sig_x(ÉRIN) = sag[good]; sur_x(ÉRIN) = sur[harness];

zálag = zalag[shine]; érin, {ĝeš}érin = erin[yoke]; sur_x(ÉRIN) = sur[bread];

{na₄}zálag = zalag[stone]; érin = eren[fish]

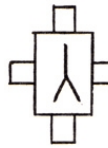
EZEN



asil_x; asila_x; asilal_x; bad_x; esen; esin; ezem; ezema; ezen; ezena; ezin;
izen; izim; izin; izun; sèr; sidra; sil_x; sîr; sirda; sírim; šèr; šîr; ug_x

ezem = ezem[festival]; šîr = šîr[song]; {ĝeš}ezem = izzi[wall];
sil_x(EZEN) = sil[split]; sîr, {+si-ir}sîr = sir[bind]; šèr = šer[bright];
{+si-rim}sîr, sîr = sir[heaven?]; ug_x(EZEN) = ug[exalted]

EZEN×BAD



an_x; ba₈; bàd; bàda; bàt; bun_x; dur₈; duri; durum; i_x; niĝbun_x; niĝbuna_x; u₉;
ub_x; ug₅; uga₅; uĝ₅; uk₅; ùn; uq₅

bàd = bad[wall]; ug₅ = ug[kill]; u₉ = u[ten]; ùn = un[high];
bàd = Bad

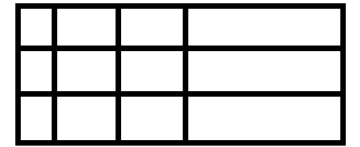
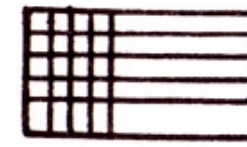
EZEN×KASKAL



asila_x; kùm; sil₅; sud₅; ubar; ubara; ubaru_x; ul₅; umbara; un₄; unun_x; usigi

sil₅ = sil[split]; umbara = umbara[aid]; ubara = ubara[protection];
ul₅ = ul[firmament]; sud₅ = sud[purify]

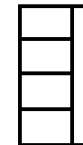
É



'à; a₁₄; à'; bed; bet; betu; bid; bit; biti; bitu; bitum; biṭ; bītu; é; è';
ĝa_x; iski; ma_x; pet; pid; pit; piṭ

é, {ĝeš}é, {kuš}é, {uzu}é = e[house]; é = a[water]; é = e[leave]; é = aḥ[dry];
ĝa_x(É) = ĝa[house]; ma_x(É) = ma[house]

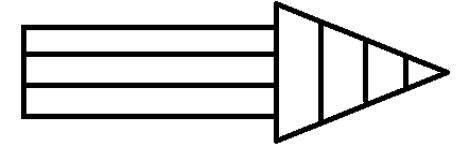
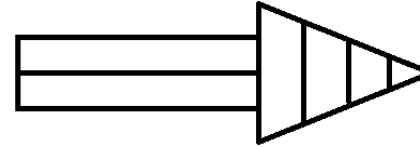
ÉŠ



ege; éger; egi; égir; éš; éše; ge₇; ger₁₅; gi₇; gir₁₅; ġe₇; ġer₁₅; ġi₇; ġir₁₅;
ħug; ħuġ; ħun; iš₉; izid; kar_x; náħ; saman_x; sumun_x; ša₁₆; šè; š_{i4}; šù; š_{i9};
tuba_x; úb; úba; úp

ħuġ, {+ħu-un}ħuġ = ħuġ[hire]; šè = e[speak]; éš = eš[shrine];
éš, {ġeš}éš = eš[rope]; ħuġ = ħuġ[pacify]; šù = šud[prayer];
égir, {+e-gi}égir = egir[princess]; šè = še[call]; éš = eš[three];
šè = šed[defecate]; éš = eš[flour]; kar_x(ÉŠ) = karag[insult];
éše = eše[length unit]; gir₁₅, {+ki}gir₁₅ = gir[noble]; {ġeš}éš = eš[tree];
šè = šer[trust]; éše = eše[unit]; šè = šeg[seize]

GA



ebir₄; epir₄; ga; gar₉; gara₉; ge₂₀; gu₁₁; gur₁₁; ھا₇; kà; kur₁₅; qá; šizbu

```
ga = a[water]; ga = ga[milk]; ga = gu[neck]; ga = gu[eat]; kà = kag[mouth];  
ga = gin[firm]; ga = gag[nail]; ga = gaz[kill]; ga = ga[carry];  
gar9 = gara[cream]; {ġeš}ebir4 = ebir[vessel-stand]
```

GABA



dudda; ga₁₅; gab; gaba; gap; irtu; kàp; pitru; qab; qap; táḥ; tu₂₄; tuḥu; ṭáḥ;
ṭu₅; ṭuḥ

```
gaba, {ġeš}gaba, {gi}gaba, {uzu}gaba = gaba[chest]; dudda = duḥ[bran];  
gaba = gaba[~sheep]; {ġeš}GABA = GABA[tree]; {ġeš}gaba = gaba[plow]
```

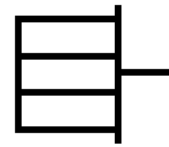
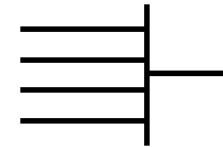
GAD



gad; gada; gadu; gat; gid₄; gida₄; kad; kat; kid₉; kit₉; kút; qàd; qàt; qàṭ;
qid₄

gada, {túg}gada = gada[flax]

GAL



en_x; gal; gala₈; gale; kál; nir_x; qal; ráb; ráp

gal, {ĝeš}gal = gal[big]; gal = ĝal[be]; gal = kur[mountain];
en_x(GAL) = en[lord]; gal, {urud}gal, {ĝeš}gal = gal[cup]; gal = gilim[cross]

GAM



ar₅; asud_x; azud_x; dilim_x; gam; gan₇; girum; gum₄; gúr; gúru; gurum; qam; qùr
gúr = kur[unit]; gurum, {êš}gurum = gurum[bend]; dilim_x(GAM) = dilim[spoon];
gam = ga[carry]; {êš}gurum, gurum, {+gu-ur}gurum, {gi}gurum = gurum[rin];
gam = gan[bear]; {êš}gúr, gúr = gur[circle]; gurum = gurum[vulva];
gurum = gurum[dwelling]; GAM = GAM[depth]

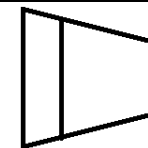
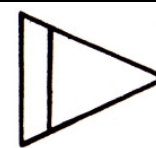
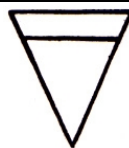
GAN



dugan_x; gam₄; gan; gana; h́é; h́í; kam_x; kan; kana; li₆; qan; sag₇; saga₇; seg₁₆;
sig₁₆; šagan_x

gan = geme[worker]; h́é = me[be]; GAN = gana[field]; gan = gaê[carry];
{+sá}sag₇, sag₇ = sag[scatter]; h́é = h́e[whether]; gana = gana[come on!];
gan = gan[bear]; gam₄ = gum[mange]; gana = dagan[totality]; gan = gigan[twig]

GAR



ga₄; gar; gara; garak₅; ĝar; ìnda; ìnta; kar₅; ku_x; màr; menari; mu₈; néq; nì;
níĝ; nig_i_x; níĝ; niĝdan_x; niĝdana_x; ník; nim₅; nin₆; ninda; nindan; nindana_x;
nìnni; níq; niq_i_x; nita₄; qàr; qàra; sa₁₅; šá; šikin; šu₇

```
ninda = ninda[bread]; ĝar, {+ĝá}ĝar, {+ga}ĝar = ĝar[place];  
níĝ, {ĝeš}níĝ, {urud}níĝ, {kuš}níĝ, {na4}níĝ, {gi}níĝ, {+ni-qi}níĝ, {dug}níĝ = níĝ[thing];  
nindan = nindan[pole]; níĝ = niĝin[encircle]; ĝar = ĝa'e[I]; nì = ni[fear];  
{dug}níĝ- {+ba-an}bán = ban[unit];  
{dug}níĝ, {ĝeš}níĝ, níĝ, {urud}níĝ, {gi}níĝ, {kuš}níĝ, {urud}{ĝeš}níĝ = níĝ[container];  
ninda = ninda[seed-funnel]; GAR = GAR[former]; gar = gar[heap];  
{dug}níĝ- {+ba-an}baneš = baneš[vessel]; {+šá-ri-in}šarin = šaran[pestle bottom];  
{dug}níĝ- {+ba-an}banmin = banmin[vessel]; GAR = GAR[00]; GAR = GAR[broad];  
{+šar-šá-ri}šaršari{ki} = Šaršari; {ĝeš}GAR = GAR[implement];  
menari = menari[administrator]
```

GÁN



àl; alal_x; aša₅; ašag; buru_x; eqlu; gà; gán; gána; girri_x; gà; girri_x; iku;
iřhuru; iřhurum; kala_x; kán; kána; kar_x; mulu₄; ul₈; ulul_x

```
ašag, {+a-šag4} ašag = ašag[field]; iku = iku[unit]; gána = gana[field];  
mulu4 = mul[star]; iřhurum, {d} iřhurum = Iřhara;  
{+ga-na} gána, gána = gana[come on!]; gán = gan[bear]; {d} gána = Gana;  
{d} iřhuru, {d}{+x} iřhuru = Iřhuru; gána, {ĝeš} gána = gana[shackles];  
mulu4 = mulu[surveyor]
```

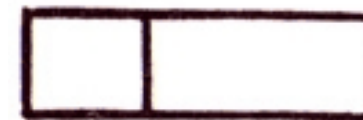
GÀR



ašgar_x; gâr; gâra; ĝâr; kâr; qar; qer₅

```
gâr = ĝar[place]; {munus} ašgarx(GÀR) = ašgar[kid];  
gâr, {urud} gâr, {ĝeš} gâr = gar[knob]; gâr = kad[tie];  
gâr, {uzu} gâr = gar[hairstyle]; gâr = gar[cake]; gâr = gar[heroic];  
gâr = gar[~bread]
```

GÁ



alba; ba₄; bešeĝ; bisag; bisaĝ; bisan; ešda_x; gá; ge₂₆; ĝá; ĝe₂₆; ilba; mà;
mal; mala; mul_x; pisag; pisaĝ; pisan; ša₁₃

ĝá = me[be]; ĝá = gu[neck]; ĝe₂₆ = e[speak];

bisaĝ, {gi}bisaĝ, {ĝeš}bisaĝ = bisaĝ[basket]; ĝe₂₆ = ĝa'e[I]; ĝe₂₆ = men[tiara];
ĝá = ĝa[house]; mà = ma[house]; mà = ma[go]; {d}ilba = Ilba

GÁ×AN



ama; ame; ami; amma_x; arĥuš₄; dagal; dagala; daĝal; damal; eme₄; ĥegal; ĥeĝal;
ími; ma_x; šagan_x; šaggan_x; šakkan₇

ama, {ĝeš}ama, {munus}ama = ama[mother]; daĝal = daĝal[wide]; ama = am[bull];
ama = eme[donkey]; ĥeĝal = ĥeĝal[plenty]; ama = ama[chamber]; {d}ama = Ama;
{ĝeš}ama = ema[cabin]; {ĝeš}ama = ama[frame]



ama₄ = ama[chamber]



men, ^{+me-en}men = men[tiara]; tán = tam[cleaen]; men = Men; èra = era[leader]

[illegible]

ĝanun = ĝanun[storehouse]; ^{ú}ušuš, ušuš = ušuš[land]

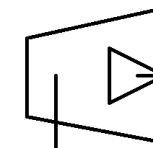
GÁ×PA



era₄; eri₁₆; išhara₄; išhur₄; išhuru₄; sal_x; sila₄; silaku

sila₄, {munus}sila₄ = sila[lamb]; išhur₄, {d}išhur₄ = Išhara; sila₄ = sila[bait]

GÁ×SAL



am₅; ama₅; áme; ámi; arḥuš; eme₈; ur₁₄; urḥuš_x; ùš

ama₅ = ama[mother]; ur₁₄ = ur[root]; ama₅ = emi[household];
arḥuš = arḥuš[womb]; ama₅ = ama[chamber]; ùš = uš[membrane]

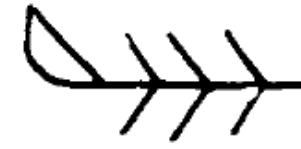
GEŠTIN



din_x; geštin; geština; ġeštin; ġeština

ġeštin, {ġeš}ġeštin = ġeštin[vine]; ġeštin = ġeštin[profession];
{d}ġeštin = Ġeštin; {dug}ġeštin = ġeštin[a container]

GI



a_x ; èšša; ge; gen₆; gi; gin₆; gitag; ké; kí; qán; qè; qì; seg₁₇; si₂₂; sig₁₇;
sissi_x; tar₅; taru₅

gi = ki[place]; gi = gal[big]; gi, {gi}gi, {ĝeš}gi, {uzu}gi = gi[reed];
gi = gi[turn]; gin₆ = gin[firm]; gi = gibil[new]; sissi_x(GI) = sissig[green];
gi = gig[sick]; sig₁₇ = sag[beat]; ge = ĝi[night];
{+gi-id-ru}ĝidru = ĝidru[scepter]; gi = gi[woman]; gi = gir[noble];
gi, {šim}gi = gi[essence]; gi = gi[judgment]; gi = gin[grass]; gi = gi[pour];
gi = gi[small]; {kuš}{+ni-gi-in}níĝin-e-sír = niĝinesir[shoe strap]

GI%GI



esir₄; ge₁₆; gel; geleĝ; gi₁₆; gib; ĝig; gil; gili; gilib_x; gilim; gillim; kíl;
kílim; qíl; qíli; unu₁₀

gi₁₆ = giggig[black]; gib = kib[wheat]; ĝig = gig[sick];
{kuš}esir₄, esir₄ = esir[shoe]; {gi}gilim, gilim = gilim[rope];

```

gilim = gilim[cross]; {gi}gilim, {ĝeš}gilim = gilim[foliage];
gi16 = gi[judgment]; geleĝ = geleĝ[cross]; gib = gib[block];
gil = gil[treasure]; {ĝeš}gib = gib[barrier]; {gi}gilim = gilim[clasp];
ge16 = ge[shape]; unu10 = unu[stick]

```

GIG



```

ge17; gebx; geg; gi17; gîb; gig; kîb; kiĝ; kik; qiq; simx
gig = gi[turn]; gig = giggig[black]; kiĝ = kiĝ[work]; kîb = kib[wheat];
gig = gig[sick]; kiĝ = kiĝ[fish]; simx(GIG) = sim[carbuncle];
{ĝeš}gig = gig[tree]

```

GÍR-gunû



```

ád; adda4; àddu; arix; át; áṭ; kíša; kíšeg; kiši17; kíšig; kíšik; táb; ul4
{ú}kíšig, kíšig, {ĝeš}{ú}kíšig, {ĝeš}kíšig, {šim}kíšig = kíšig[acacia];
ul4 = ul[hasten]; áḏ, {ĝeš}ád = ad[bush];

```


{šim}kiši₁₇, {ĝeš}kiši₁₇, {ĝeš}{šim}kiši₁₇ = kiši[myrtle]; ul₄ = ul[anything];
 ul₄ = ul[firmament]; ul₄ = ul[terror]; ul₄ = ul[bright];
 GÍR-gunû = GÍR-gunû[bird]; ul₄ = ul[greatly]; ul₄ = ul[grind]

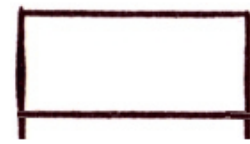
GÌR×(A.IGI)



alim; alima

alim, {gud}alim, {+a-lim}alim = alim[bison]; {d}alim = Alim

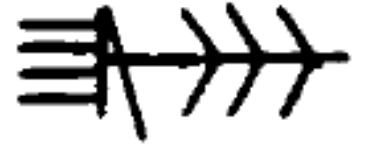
GIŠ



bilga_x; es; eš₁₉; eš; ez; geš; gez; gis; giš; giša; giš; giz; ĝeš; ĝiš; ĝiz;
 ĝizzal_x; is; iš₆; iš; išu; iz; kīs; miš; mu₉; néš; nīs; níš

ĝeš, {+mi-eš}ĝeš, {gi}ĝeš = ĝeš[tree]; iz = zu[know]; ĝeš = ĝeš[penis];
 ĝeš = kaš[decision]; mu₉ = mu[tree]; {ĝeš}{+ba-an}baneš = baneš[vessel];
 {ĝeš}{+ba-an}banmin = banmin[vessel]; {ĝeš}{+da-ra}dara₅ = dara[~saddle]

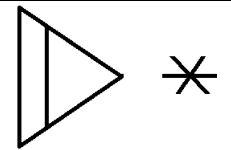
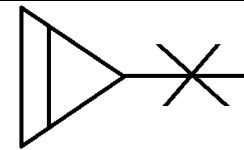
GI₄



ga₈; gagri; ge₄; gi₄; ki₈; qe₄; qi₄

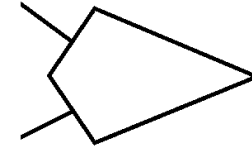
gi₄ = gi[reed]; gi₄ = gi[turn]; gi₄ = gi[woman]; gi₄ = ge[blow];
gi₄ = gi[pour]

GU



aḥ_x; gu; gum_x; ku₈; qù

gu = gud[ox]; gu = gu[neck]; gu = gu[eat];
{+gu-ru-uš-tum}kurušda, {+gu-ru-uš-ta}kurušda, {+gu-ru-uš-da}kurušda = kurušda[fattener];
{+gu-uk-kal}gukkal = gukkal[sheep]; gu = gu[voice]; gu = gu[cord];
gu = gu[pulse]; gu = ugu[bear]; {+gu-um-ba}ganba = šakanka[market];
gu = gu[~person]



alap; alpu; aštub; baḥar; dapar; dapara; dipar; eštub; gadma; gar₄; gara₄;
gidim₇; gu₄; gud; gudma; gudu; gugarid; gur_x; ḥár; ḥára; kamuš; ku₁₅; kušdim;
kušgim; kùšum; lagab_x; qadma; qudma_x; rušban; rušpan; šušgim; zèb; zìb

gud, {urud}gud = gud[ox]; gu₄ = gu[neck]; gud = kud[cut]; gu₄ = gu[voice];
baḥar = baḥar[potter]; gud = gur[thick]; gud = gud[nest];
gud = kuda[animal]; gar₄ = gar[early]; gar₄ = gara[(to be) deserted];
baḥar, {d}baḥar = Baḥar; dipar = Dipar; gudma = Gudma; {d}dapar = Dapar;
{d}gugarid = Gugarid; kamuš = Kamuš; kušdim = Kušdim; gugarid = Kugarid;
kùšum = Kušum; rušban = Rušban

GU%GU



sa_x; sa_h₄; si_h₅; sù_h; za_x; zi_h

sù_h = su_h[extract]; sù_h = su_h[confuse]; sa_h₄ = sa_h[playful]

GUL



gug_x; gul; gulu; ísi; ísim; ísimu; kúl; qúl; si₂₃; súmun; súmuna; súmunu; sún;
súna; šùn

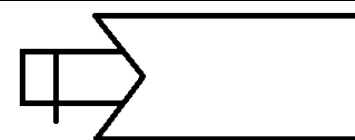
gul = gal[big]; gul = gu[neck]; gul = gul[destroy]; súmun = sumun[old];
gug_x(GUL) = gug[carnelian]; {gud}súmun, súmun = sumun[cow];
{ú}{+ku}kúl, {ú}kúl = kul[plant]; súmun, {dug}súmun = sumun[vessel];
ísim = isin[stalk]; {ĝeš}GUL, GUL = GUL[~chariot]



50



GUM



gás; gáz; gu₈; gum; kas₆; ku₁₃; kum; kùn; nag₄; naga₄; naĝ₄; naĝa₄; qu; qum;
ša₉; šàqu

gáz = gaz[kill]; naĝ₄ = naĝ[crush]; kùn = kuĝ[stair];
naĝa₄, {ĝeš}naĝa₄, {na₄}naĝa₄ = naĝa[mortar]; kum = kum[hot]; gum = guz[crush]

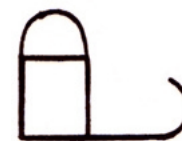
GUR



gur; gura; guru; kùr; qur; quru; tari; taru

```
gur, {dug}gur = gur[unit]; gur = gu[eat]; gur = gur[turn];
gur = kur[different]; gur = gurun[bend]; gur = gur[thick]; gur = gur[lift];
gur, {ġeš}gur = gur[container]; gur = gur[circle]; gur = gur[turban?]
```

GURUŠ



gíreš; gíriš; guruš; ĝéreš; ĝuruš; muruš_x

ĝuruš = ĝuruš[male]

GÚ



gú; gún; kišādu; lil₆; qu₆; tek; tik; tiq; usan_x

gú = gud[ox]; gún = gun[load];

gú, {ĝeš}gú, {za}gú, {na₄}gú, {gi}gú, {uzu}gú = gu[neck]; gú = kug[pure];

gú = gu[eat]; gú = gu[voice]; gú = gu[cord]; gú = gu[pulse];

gú = guz[crush]; gú, {+gu}gú = gu[entirety]; gú = gu[force]

GÚ×KAK



dur; túr; ȕur; ȕuru; usan_x

```
ur = dur[buttocks]; dur, {gi}dur, {ĝeš}dur = dur[bond];  
{an}usan6 = usan[evening]; {urud}dur, dur = dur[ax]; {ĝeš}dur, dur = dur[balk];  
dur = dur[totality]
```

GÚ×NUN



mùnsuḅ; mùsub; sùḅ; usan; usian; ušen

```
mùnsuḅ = munsub[shepherd]; {an}usan, usan = usan[evening];  
{an}usan = Usan[Evening]
```

ḤA



'a₄; a₇; aya_x; gir₁₄; ḥa; kir₉; ku₆; kua; peš₁₁; zaḥ_x

ku₆ = kud[fish]; ḥa = ḥi[mix]; peš₁₁ = peš[thick]; ḥa = ḥe[whether];
ḤA = ḤA[~ghee]; peš₁₁ = peš[fish]

ḤAL



buluḥ; bur₈; buru₈; buruḥ; ḥa_x; ḥal; ḥala

{gi}ḥal, ḥal = ḥal[basket]; ḥal = ḥal[divide]; ḥal = ḥala[share];
{dug}ḥal, ḥal = ḥal[pot]; buluḥ, {ḡeš}{šim}buluḥ, {šim}buluḥ = buluḥ[tree];
buluḥ = buluḥ[vomit]; buluḥ, {+bu-luḥ}buluḥ = buluḥ[fear]; ḥal = ḥal[thigh];
buru₈ = buru[disease]; {ú}ḥal = ḥal[diviner]; bur₈ = bur[crotch];
ḥal = ḥal[stick]

ḤA-gunû

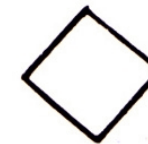


bís; biš; búš; ger; gir; giri; ġir; ġiri; ḥa₆; kar₄; ker; kir; kiri; pes;
peš; pis; piš; piša; pus; pùš; qer; qir; qiri; šeg_x; zaḥ_x

gir = gi[reed]; {ġeš}kiri = kiri[orchard]; peš = peš[fig];

ḤA-gunû = ḤA-gunû[~cow]; peš = peš[thick]; gir = gir[jar]; peš = peš[comb];
peš = piš[bank]; ḤA-gunû = gir[oven]; peš = peš[offshoot]; gir = gir[mat];
gir = gir[noble]; {ġeš}peš = peš[frond]; peš = peš[three]; peš = peš[young];
{ġeš}peš = peš[log]; {gi}gir = gir[gift]; {d}peš = Peš

ḤI



’ì; da₁₀; dàb; dan_x; din_x; du₁₀; dùb; dùg; duga_x; dugu; ḥa₄; ḥe; ḥi; i₁₁; kugu;
lugu_x; mu_x; ta₈; tą; ṭab₆; ṭib_x

du₁₀ = du[go]; du₁₀ = dug[speak]; dùg = dug[pot]; ḥi, {+ḥa₅}ḥi = ḥi[mix];
dùg = du[spread]; dùg = dug[good]; dùb, {ġeš}dùb = dub[knee];
ḥi = ḥib[~aromatic]; dugu = dig[soft]; dùg = dungu[cloud];

```
danx(ḤI) = tam[clean]; ḤI = ḤI[~leatherworker]; {ḡeš}ḤI, {urud}ḤI = ḤI[~scales];
      {ḡeš}du10 = du[measuring vessel?]; ḥi = ḥi[square];
      {+ḥi-li-bu}ḥilibu = ḥilibu[underworld]
```

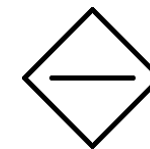
ḤI.GÌR



alim_x; ḥiš₄; ḥuš; ḥuša; ḥuš_x; ruš

ḥuš, {+ḥu-uš}ḥuš, {túg}ḥuš = ḥuš[reddish]; {ḡeš}ḥuš, {mu}ḥuš = ḥuš[plant]

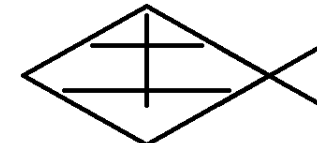
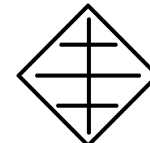
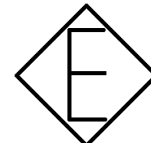
ḤI×AŠ



eḥ_x; kaz₈; kazaza; mùl; muš₄; sùr; udul_x; uš₁₇; ušša; zinanutu; zìz

```
kaz8 = gaz[kill]; ušša = uš[foundation]; sùr = sur[ditch]; zìz = ziz[insect];
      sùr = sur[half]; mùl = mul[foundation]; mùl = mul[insect];
      kaz8 = kuzazu[insect]; kazaza = kazazak[insect]
```

ḤI×ÁŠ



àr; àra; dubul_x; dubur_x; ellaĝ_x; endibdim; ga₁₁; gadibdim; gin₈; giriš_x; gu₁₃;
gudibdim; gunu_x; gur₁₄; ḥar; ḥara; ḥer_x; ḥi_x; ḥír; ḥu₄; ḥur; ḥuru; ir₅; kén;
kikken; kikkín; kín; kinkin; kunu_x; mar₆; mur; muru; murum; qin_x; sagbar;
sággar; sáĝĝar; sur_x; ul_x; uman_x; unu_x; ur₅; ura₅; uru_x

kín = gin[firm]; ur₅ = ur[drag]; ur₅ = ur[pluck];

kinkin, {géme}kinkin, {lú}kinkin, {lú}{na₄}kinkin = kinkin[miller];

ur₅ = ur[root]; ḥar, {kuš}ḥar, {urud}ḥar, {na₄}ḥar, {ĝeš}ḥar = ḥar[ring];

ur₅ = uru[sow]; {na₄}kinkin, kinkin = kinkin[millstone]; mur = murgu[shoulder];

gur₁₄ = gur[thick]; àra = ara[grind]; ur₅ = ur[he]; ur₅ = ur[roof];

|ḤI×ÁŠ|, {ĝeš}|ḤI×ÁŠ| = ḤI×ÁŠ[~tree]; mur = mur[dress]; ur₅ = ur[liver];

hur, {+ḥu}hur = hur[scratch]; hur = hur[ever]; {géme}àra, {lú}àra = arar[miller];

mur = mur[noise]; mur = muru[rainstorm]; murum = murmara[noise];

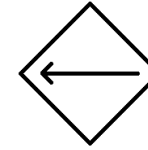
mur, {+mu-ru}mur = mur[lung]; {dug}ḥar = ḥara[container]; ur₅ = ur[smell];

ḥuru = ḥurum[child]; sáĝĝar = saĝĝar[millstone]; mur = mur[fodder];

ur₅ = ur[direction]; àra, {na₄}àra = ara[hand-mill]; ur₅ = ur[servant];

kín = kin[grind]; ^{na₄}kinkin = kinkin[grinder]; ^{d}sággar, sággar = Saggar;
ur₅ = ur[anoint]; àra = ara[~milk]; |ḤI×ÁŠ| = ḤAR[~tree]; ur₅ = ur[confine]

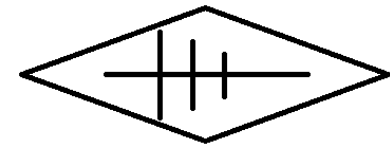
ḤI×BAD



du₁₅; eriš₆; gám; gáma; ḥùd; ka₁₃; kam; kama; qám; tu₇; údul; útul

kam = ak[do]; tu₇ = tu[soup]; kam = gurun[bend];
^{dug}útul, útul, ^{na₄}útul, ^{na₄}^{dug}útul, ^{ḡeš}útul, ^{ḡeš}^{dug}útul = utul[tureen];
ḥùd = ḥad[bright]; kam = kam[alter]; kam = kana[dark]; kam = kam[tune?];
|ḤI×BAD| = ḤI×BAD[hilt]; kam = kam[board]

ḤI×NUN



á'; aḥ; aḥa; bi₉; dūga; é'; eḥ; giriš_x; gudu_x; í'; iḥ; kin_x; nu₁₃; nūmun; sur_x;
u₁₃; ú'; uḥ; uḥu; uman; ūmun; uplu_x

eḥ, ^{+ú-ḥu}eḥ, ^{+u-ḥu}eḥ = eḥ[insect]; eḥ, ^{+a}eḥ = aḥ[spittle];
uman = umun[insect]; uḥ = uḥ[turtle]; nūmun = numun[insect]; ^{d}eḥ = Eḥ;
uḥ = uḥ[~paste]

ḪI×NUN.ME



galla_x; gud_x; gúda; gudda_x; gudu₄; gudug; šútug

gudug, {lú}gudug = gudug[priest]; gudu₄ = gudu[buttocks];
šútug, {gi}šútug = šutug[reed-hut]

ḪI×ŠE



ber; bir; biri; dubur; éllag; éllaĝ; ellam; gereš; gireš; giriš; kálam; lam_x;
pîr; umun_x; ur_x; zanzana

bir = bir[locust]; éllaĝ, {na₄}éllaĝ, {kuš}éllaĝ = ellaĝ[bead];
bir = bir[scatter]; dubur = dubur[foundation]; giriš = giriš[butterfly];
éllaĝ, {uzu}éllaĝ = ellaĝ[kidney]; bir = birri[spleen];
zanzana = zanzana[dragonfly]; {ú}éllaĝ = ellaĝ[grass?]; {mul}éllaĝ = Ellaĝ;
{dug}éllaĝ = ellaĝ[vessel]

ḤU



'u₅; bag; baḥ; bak; baq; buru_x; dal_x; de_x; ḥu; muš₈; mušeḡ; mušen; mušena; pa₇;
pag; pàḥ; pak; paq; púq; re_x; tal_x; u₁₁; usan₅; uš_x

ḥu = ḥulu[bad]; de_x(ḤU) = de[carry]; mušen = mušen[bird]; u₁₁ = ua[oh];
dal_x(ḤU) = dal[fly]; ḥu = ḥe[wḥether]; u₁₁ = u[goose]; mušen = mutin[woman];
pag, {+pa-ag}pag = pag[enclose]; ḥu = ḥur[scrape]; ḤU = ḤU[~wool];
mušen = mušen[lady?]; pag = pag[leave]

ḤU.ḤI



mât; mu₁₂; mud; mut; muṭ; muṭu_x

mud, {ḡeš}mud = mud[tube]; mud = mud[jar]; mud, {na₄}mud = mud[blood];
{ḡeš}mud, mud, {urud}mud = mud[stump]; mud = mud[scared]; mud = mud[create];
mud = mud[heel?]



60



ḥU.SI



u₅; ùd

|ḥU.SI| = ḥU.SI[droppings]

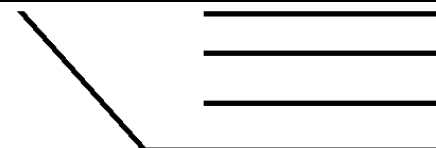
ḥÚB



du_x; ḥúb; ḥúp; kùp; tu₁₁; tuk_x; tuku_x; tum_x; tún

tuku_x(ḥÚB) = tuku[acquire]; ḥúb = ḥab[malodorous]; tu₁₁ = tub[strike];
ḥúb = ḥub[foot]; ḥúb = ḥub[heap]

ḥÚL



bibra; bibri; ḥúl; ḥúla; kuš₈; úkuš

ḥúl, {+ḥu-ul}ḥúl = ḥul[rejoice]; úkuš, {ú}úkuš = ukuš[cucumber];

bibra, {na₄}bibra, {d}bibra, {na₄}{d}bibra = bibra[vessel]; bibra = Bibra

ḥUŠ



alim_x; ḥiš₄; ḥuš; ḥuša; ḥušu_x; ruš

ḥuš, {+ḥu-uš}ḥuš, {túg}ḥuš = ḥuš[reddish]; {ḡeš}ḥuš, {mu}ḥuš = ḥuš[plant]

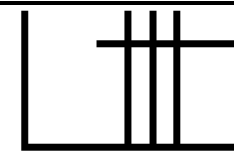
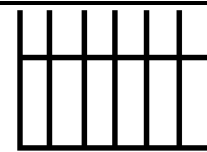
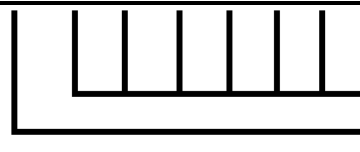
I



i; nát

i = i[oil]; i = u[and]; i = e[leave]; i = id[river]; i = e[speak];
{+i-zi-in}ezem = ezem[festival]; {+i-gi-ri}egir = egir[back];
{+i-ši-ib}išib = išib[priest]; i = i[hey!]; {+i-bi-ra}ibira = ibira[merchant];
{d}amar-{+i-zi-ni}suen-na = Amar-Suena

IB



arkab_x; dár; dára; dári; dáru; dárur; díri; eb; ep; ib; ibbi; ip; uraš; urta

{d}uraš, uraš = Uraš; ib = ub[corner]; IB = IB[profession]; eb = eb[oval];
{+ib-bi-i}íbbi = ibi[smoke]; ibbi = ibi[smoke]; dára = dadara[tied];
uraš = uraš[earth]; dára, {+da-rum}dára, {túg}dára = dara[belt];
uraš = uraš[secret]; ib = ib[covering]; urta = urta[barley]

IDIM



ári; banda₄; deḡi₄; èše; ḡaniš; idim; idin_x; iri₈; kir₅; mid; nagbu; nagbum_x;
pa_x; rápiqu; sullat; šullat; teḡi₄; uri₄; urum_x

```
kir5 = kur[mountain]; èše = eš[rope]; idim = idim[spring];  
idim = idim[heavy]; èše = eše[length unit]; idim = idim[blocked];  
idim = idim[wild]; ḡaniš, {d}ḡaniš = Ḥaniš; šullat, {d}šullat = Šullat;  
banda4 = banda[stanchion]; nagbu = nagbu[water]; rápiqu = Rapiqum;  
{d}idim = Idim; deḡi4 = deḡi[support]; ári = ari[disease];  
uri4 = uri[illness]; èše = eše[unit]; idim = idim[darkness];  
iri8 = iri[disease]; idim, {+e-dím}idim = idim[heaven]; {d}IDIM = IDIM;  
idim = idim[animal]
```

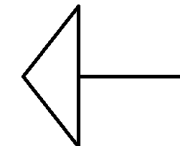
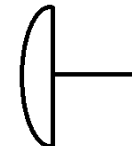
IG



da₁₁; eg; eġ; ek; eq; ga₇; gagal; gál; gala₇; ġál; ig; iga; ik; iq; kagar; màl

ġál = ġar[place]; gál = gal[big]; ġál, {+gal}ġál, {+ġá}ġál = ġal[be];
ig = aġ[measure]; {ġeš}ig, ig, {gi}ig = ig[door]; ek = eg[levee]; ġál = mal[be];
ġál, {+ga-al}ġál = ġal[open]; ġál = ġal[guard]; ig = ug[furious]

IGI



bad₅; badi; bat₅; dāmu; dusu_x; ge₈; gi₈; iga_x; igi; igu; ina; ini; inu; lam₅;
lè; lem; lì; lib₄; lim; lima; limi; lúm; maḥar; maḥru_x; pa₁₀; pad₄; pàn; panu_x;
paṭ_x; ra_x; rum_x; si₁₇; še₂₀; ši

ši = še[barley]; igi, {ġeš}igi, {túg}igi = igi[face];
igi, {na₄}igi, {ġeš}igi, {urud}igi, {túg}igi, {uzu}igi = igi[eye];
gi₈ = giggig[black]; dusu_x(IGI) = susu[equid]; ši = šeš[weep]; ši = ši[life];
{+ki-in-ši-na-bi}šanabi{+na-bi} = šanabi[two-thirds];

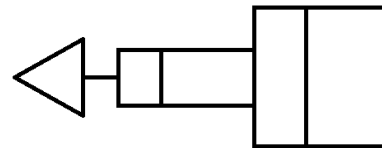
```
{+ši-iš-ša-na}šušana = šušana[one-third]; igi, {+x}igi = igi[~mathematics];  
lib4 = lib[daze]
```

IGI.DUB

The diagram illustrates the layout of the IGI.DUB tablet. At the top left, the text "IGI.DUB" is written in purple. To its right is a schematic drawing of the tablet, consisting of a large rectangle divided into two vertical columns, with a smaller rectangle to its left, and a triangle pointing left towards the smaller rectangle. Below this, a list of words is shown in blue: agrig; aêrig; geškim; giskim; giškim; gizkim; êgešgem; êgeškim; êgiskim; êgiškim; iskim; izkim. Below this list, a specific line of text is shown in red: agrig = agrig[steward]; êgeškim, {êgeš}êgeškim = êgeškim[sign].

agrig; aêrig; geškim; giskim; giškim; gizkim; êgešgem; êgeškim; êgiskim; êgiškim;
iskim; izkim

agrig = agrig[steward]; êgeškim, {êgeš}êgeškim = êgeškim[sign]



```

agrig; aêrig; geškim; giskim; giškim; gizkim; êgešgem; êgeškim; êgiskim; êgiškim;
iskim; izkim

    agrig = agrig[steward]; êgeškim, {êgeš}êgeškim = êgeškim[sign]

```

```
agrig = agrig[steward]; ġeškim, {ġeš}ġeškim = ġeškim[sign]
```

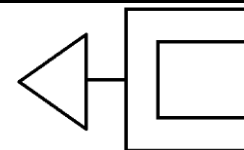
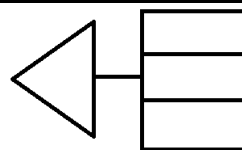
IGI.ÉŠ

libir; si₅

```
libir = libir[old]; {+si}si5, si5 = sig[weak]
```

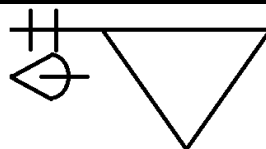


libir; si₅

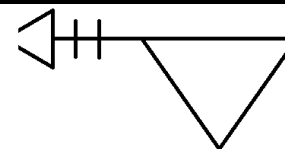


```
libir = libir[old]; {+si}si5, si5 = sig[weak]
```

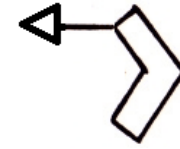
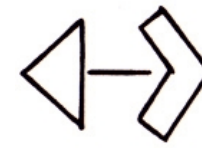
Diagram illustrating a network structure with two nodes and two edges. The left node is labeled `IGI.RI` (purple). The right node is labeled `ar; ara8` (blue). A dashed vertical line separates the two nodes. Each node has a triangle pointing right, connected to a horizontal line with a vertical tick mark.



ar; ara₈



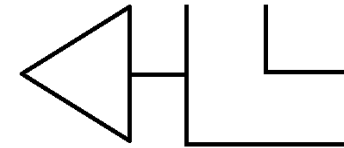
IGI.RU



pà; pàd

```
pàd, {+pa-a}pàd, {+pa}pàd = pad[find]; pàd = pa[branch]; pàd = bad[open];  
{gi}pàd, pàd = pad[basket]
```

IGI.UR



ḫul; ḫula; ḫulu

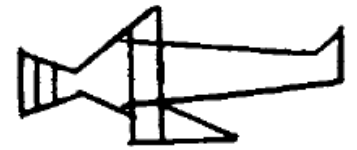
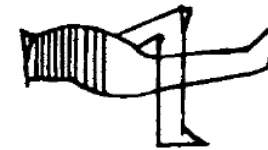
```
ḫulu, {+ḫu}ḫulu = ḫulu[bad]; ḫul = ḫul[rejoice]; ḫul = ḫulu[ruination];  
ḫul = ḫuldiĝ[rotten]; {péš}ḫulu = ḫulu[rodent]
```

IGI-gunû



agar₄; ígi; igigunux; ìmma; nab₄; nam₄; sa₇; sag₁₂; samag₆; se₁₂; seg₇; si₁₂;
sig₇; šamag_x; še_x; ši₇; úgur; ukur₅; ze_x; zi_x
sa₇, {+sa-a}sa₇, {+sa}sa₇ = sag[good]; sa₇ = sa[pay for]; sig₇ = sissig[green];
zi_x(IGI-gunû) = zi[cut]; agar₄, {+a}agar₄ = agar[meadow]; se₁₂ = se[live];
še_x(IGI-gunû) = še[tear]; sig₇, {+sig}sig₇ = sig[pluck];
IGI-gunû = IGI-gunû[~equids]; IGI-gunû = IGI-gunû[~cow];
úgur, {dug}úgur = ugr[pot]; ìmma = Imma; ìmma = imma[physiognomy];
{+x-a}samag₆, samag₆ = samag[create]

IL



al₉; él; il

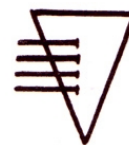
il = il[raise]; IL = egir[back]; {+il-li-il}il = ilila[lever];
{+il-le-el}illar, {+il-lu-ru}{ĝeš}illar = illar[weapon];
{d}il = Il



adad; anegi; anig; anzu_x; dalḥamun_x; did; em; enegi; enegir; ennegi; ennigi;
 ilumer; im; ime_x; imi; iṣgur_x; iṣkur; kakra; kakru; karkar; karkara; mér;
 mír; mūr; murim; mūru; šar₅; šara₅; šeg₇; šeg₇; tešub; tid; tu₁₅; tum₉; tumu

im = e[leave]; em = me[be]; im = im[clay]; im = eme[tongue];
 {tumu}mír = mir[wind]; {d}iṣkur, iṣkur = Iṣkur; {im}{+la-ag}lag = lag[clod];
 šeg₇ = šeg[rain]; tumu = tumu[wind]; im = im[rain];
 {+im-me-èn}immen = immen[thirst]; mūru = muru[rainstorm]; im = im[year];
 {d}adad, adad = Adad; {ú}{d}iṣkur = iṣkur[plant]; mūr = Murum; mér = mer[wind];
 ilumer, {d}ilumer = Ilumer; murim, {d}murim = Murum; im = im[heaven];
 {na₄}im = imna[pebble]; karkara = Karkara; {d}iṣkur = Iṣkur[storm-god]

IR



er; ere₁₄; èreš; erešu; eri₁₄; ir; ire₁₄; iri₁₄; tir_x
er = ere[go]; ir = er[tears]; ir = ir[bring]; ir = ir[scent];
ir = ir[plunder]; {ĝeš}ir, ir, {urud}ir = ir[peg]; ir = ir[tree];
er = ere[bring]; èreš = ereš[smell]; {d}{+ki-ir}kiri-ùr-ùr = Kiriurur

IŠ



es₅; eš₁₅; ís; isi; isiš; íš; iš; iši; íş; íz; kúkkuda; kukkuš; kukkušda; kúkuda;
kuš₇; kuzun_x; mel; mil; mili; milla; saḥar; saḥardub; suš_x; šen₆; šùš; ukum
kuš₇ = kuš[official]; saḥar, {na₄}saḥar = saḥar[soil]; šùš = šuš[cover];
{+li-iš-ša}{ĝeš}šú-a = šu'a[stool]; isiš = isiš[tears];
saḥardub = saḥarduba[rubbish]; kuš₇ = kuš[devastation]; iš = iš[mountain];
{dug}saḥar, saḥar = saḥar[vessel]; šen₆, {urud}šen₆ = šen[verdigris];
mel = mel[malt-flour]; ukum = ukum[storm]; kuš₇ = kuš[malt-flour];
iš = iš[sand]; saḥar = saḥar[frost]; {íd}saḥar = Saḥar;
šùš = šuš[devastation]; kuš₇ = kuš[summer]; saḥar = saḥar[servant]



águ; bir_x; bu_x; da₁₂; dag₅; du₁₁; dug₄; duga₄; e₇; eme_x; en₄; enem; enim; ga₁₄;
 gir₁₇; giri₁₇; gù; gur₁₈; i₅; inim; iš₅; ka; kág; kák; kir₄; kîri; me_x; milib_x;
 nag_x; nundum_x; pe₄; pi₄; pu₅; qà; qir_x; sig_x; su₁₁; sug_x; suhur_x; sumu_x; sumur_x;
 še₂₈; šed₁₇; šeg₁₃; ši_x; šud_x; ugu₆; uš_x; uzug_x; zap_x; zib₄; zú; zúg; zuḥ

du₁₁ = du[build]; ka = ak[do]; dug₄, {+du}dug₄, {+da}dug₄, {+du-ug}dug₄ = dug[speak];
 dug₄ = dug[pot]; gù = gu[neck];
 inim, {+en}inim, {+e}inim, {+i-nim}inim = inim[word];
 gù = gu[eat]; ka, {ĝeš}ka, {kuš}ka, {dug}ka, {uzu}ka = kag[mouth]; zú = zu[know];
 e₇ = e[speak]; gù, {+gu}gù = gu[voice]; KA, {ĝeš}KA = kan[gate];
 zú, {ĝeš}zú, {gi}zú, {+zu-ú}zú, {+zu}zú, {uzu}zú = zu[tooth]; ka = kal[rare];
 kîri = ĝiri[dagger];
 kîri, {+ki-ir}kîri, {ĝeš}kîri, {+ki-ri}kîri, {uzu}kîri = kiri[nose];
 šeg₁₃ = šeg[voice]; uš_x(KA) = uš[poison]; sumur_x(KA) = sumur[angry];
 {na₄}su₁₁ = sum[beard]; zú, {ĝeš}zú, {gi}zú = zu[share];
 du₁₁ = du[suitable]; sumur_x(KA) = sumur[roof]; dug₄ = du[hold];
 zuḥ = zuḥ[steal]; {+ka-ad-ri}kadra = kadra[gift]; {ĝeš}su₁₁, su₁₁ = su[fibers];
 {na₄}zú, zú = zu[stone]; kir₄ = kir[hyena];

$\{gi\}$ suḥur_x(KA), $\{é\}$ suḥur_x(KA) = suḥur[~temple];
 $\{ġeš\}$ KA, KA = KA[part of a wagon]; pi₄ = pu[mouth]; KA = KA[an official];
 KA = KA[rental payment]; e₇ = e[trust]

KA×GĀN-tenû



ba₁₁; bù; bum; bur_x; buzur₅; kala_x; kan₆; kana₆; mu_x; pù; pum; puzru_x; puzur₅;
 tu_x; tugure

bù = bur[tear]; bù = bul[blow]; pù = pu[orchard]; puzur₅ = puzur[secret];
 kana₆ = kana[dark]; pù = pu[mouth]; $\{+pu\}$ puzur₅, puzur₅ = Puzur;
 $\{id\}$ |KA×GĀN-tenû| = PU

KA×GAR



bun_x; gu₇; kú; kur₈; sub_x; šagar; šaġar; tukur_x

gu₇ = kug[metal]; gu₇, $\{+gu\}$ gu₇ = gu[eat]; šaġar = šaġar[starvation];
 gu₇ = gu[square]

KAB



gáb; gába; gábu; gáp; gùb; gùbu; kab; kap; kapa; qáb; qáp

gáb = gaba[chest]; gábu = gab[left]; kab = kab[test]; {ĝeš}gáb = gam[crook];
{ĝeš}kab = kab[tree]; kab, {ĝeš}kab = kab[nose-rope]

KÁD



gát; kád; kát; qad₆; qat₆; šíd

KÀD



gàt; kàd; kàt; kàta; kud₆; mur_x; qat₇; sed_x; šed₄

sed_x(KÁD) = sed[cold]; kàd = kad[tie]

KAK



ban₄; bi_x; dà; dù; gag; gaga_x; gak; ḥabur; ḥebur_x; ḥenbur; ḥubur_x; ḥumurum_x;
ka₁₅; kak; kàl; kaq; ki₇; kit_x; qa₆; qaq; qi₆; re₁₂; ri₁₂; rú; tu₂₀; usan_x; zar_x

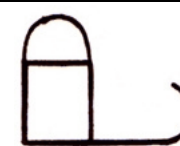
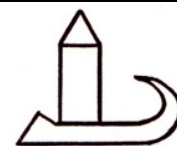
dù, {+du}dù = du[build]; dù = du[go]; dù = dug[speak]; dù = du[spread];
 {ḡeš}gag, gag, {urud}gag, {+gu}gag, {+ka-ak}gag, {gi}gag = gag[nail];
dù = duḥ[loosen]; dù = du[push]; dù, {+du}dù = du[plant]; dù = tuku[beat];
 dù = du[suitable]; dù = du[hold]; dù = du[all]; dù = du[heap];
ḥenbur, {gi}ḥenbur, {ḡeš}ḥenbur = ḥenbur[stalk]; gag, {+ga-ag}gag = gag[pock];
 dù = tu[beat]; dù = du[strike?]; dù = du'a[with young];
 kak, {+ka-ak}kak = kak[weapon]

KAK.TAR



kúksu

kúksu = kuksu[tool]



álad; baštum; dan; dàna; dannu; dun₆; esi; esig; eša_x; eṭlu; gal₉; kal; kala;
 kalag; kalaga; kalga; la₆; lab; lála; làma; lamar; lamassu; lamma; lammar;
 lap; líb; líp; mir_x; nir₆; qal₄; rab₄; reb; rep; rib; rip; rub; sa₁₄; sag₈;
 saga_x; seg₁₅; si₂₁; sig₁₅; sílim; sílima; sub_x; sun₇; suna_x; šedu; šúrsub; tan;
 tana; ṭan; úrrub; úrsub; zi₈; zúrzub

sig₁₅ = sag[rare]; kal = ḡal[be]; kalag = kalag[strong]; lamma = limmu[four];
 sag₈ = sag[good]; sig₁₅ = sissig[green]; kal = kal[rare];
 {d}lamma, {na₄} {d}lamma, lamma, {urud} {d}lamma, {ḡeš} {d}lamma = lammar[deity];
 rib, {ú}rib = rib[surpassing]; {na₄}esi, esi = esi[diorite];
 sig₁₅ = siki[~bread]; kalag = ḡalga[forethought]; {ḡeš}esi, esi = esi[tree];
 sun₇, {+su-un}sun₇ = sun[authoritative]; {d}álad, álad = alad[spirit];
 {d}šedu, šedu = šedu[spirit]; {dug}sílim, {dug}{+silim}sílim, sílim = silim[vessel];
 {dug}zúrzub, zúrzub = zurzub[vessel]; la₆ = la[flooding];
 {d}lamma, lamma = Lammar[deity]; KAL = KAL[~grain];

úrrib, {dug}úrrib = urrib[vessel]; {im}kal = kali[clay];
 {dug}úrsub, úrsub = ursub[vessel]; {d}šedu = Šedu[spirit]

KASKAL



bú; buš; dan_x; dána; dánna; eš₈; ga'eš_x; gaeš_x; garaš_x; ḥarran_x; ir₇; irsaĝ;
 íš; kas; kasa; kaskal; káš; kaš; kaz; ras; raš; rin₆; šubtum_x
 káš = kaš[beer]; kas = kaš[runner]; káš = aga'us[soldier];
 kaskal = kaskal[way];
 {gi}kaskal = kaskal[basket];
 ḥarran_x(KASKAL), {+ḥa}ḥarran_x(KASKAL) = ḥarran[route];
 garaš_x(KASKAL) = garaš[leek]; gaeš_x(KASKAL) = ga'eš[trader];
 ir₇ = ir[scent]; dána = dana[unit]; bú = bu[howl]; bú = bu[perfect];
 bú = bu[flit]; {d}KASKAL = KASKAL

KÁ



agan_x; aka₄; ákan; bába; babu; gu₁₆; ká; kan₄; kankan; pápa
 kan₄, {ĝeš}kan₄, {mu}kan₄ = kan[gate]

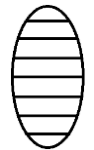
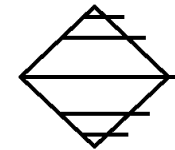
KÉŠ



gir₁₁; giri₁₁; girid; ħer; ħir; kéš; kešda; kéše; kéši; kiri₇; kirid; kiris;
kirit; kíš; kíši

kéš = kešed[bind]; {ġeš}kirid, kirid = kirid[clasp]; gir₁₁ = gir[yoke]

KI



amma_x; eršetu; gagar; ge₅; gi₅; gu₁₄; ġišbun_x; ke; ki; ku₁₁; kunga_x; qaqqaru;
qé; qí; sas_x; ubda_x

ki, {ġeš}ki = ki[place]; ke = ak[do]; ki = gi[turn]; {+ki-in-mi-na}min = min[two];
ki = kiġ[work]; {anše}kunga_x(KI) = kunga[equid]; {+za-ki-in}za-ġin = zaġin[lapis];
ki, {+ki-in-ki-in}kinkin = kinkin[millstone]; {+ki-in-iš-da}diš = diš[one];

{+ki-in-ke-eš}eš₅ = eš[three]; {+ki-in-gi}u = u[ten]; {+ki-iš-ri}rín = ĝešrin[scales];
 {+ki-in-ki-a}ía = ya[five]; {+ki-si-im}kiš₉ = kiši[ant]; {+ki-in-ba-ra}ba₇ = ba[half];
 {+su-ki-iš}suḡ-gir₁₁ = suḡgir[diadem]; {+ki-si-im}kisim = kišim[insect];
 KI = KI[~land]; gagar = gagar[ground]; ki = kig[earth];
 {+ki-ši-mu}BU = gašimbi[pole]; KI = kislah[bird]; {d}mud-{+ke-eš}kéš-da = Mudkešda

KIN



gur₁₀; ken; ki₉; kíĝ; kíĝ; kim_x; kin; kinga; kun₁₀; qe; qi; qin; sag₁₁; saga₁₁;
 saka; seg₁₈; sig₁₈; siga₁₈

gur₁₀ = gur[unit]; kíĝ = siki[hair]; kíĝ = kiĝ[work]; gur₁₀ = gur[turn];
 gur₁₀ = gur[reap]; {urud}kin, kin, {urud}{+gín}kin, {na₄}kin = kin[sickle];
 kíĝ = ki'aĝa[beloved]; gur₁₀ = gurum[bend]; sag₁₁ = sag[scatter];
 KIN, {ĝeš}KIN = gam[crook]; saga₁₁ = saga[press?];
 saga₁₁, {+sa-ka}saga₁₁, {urud}saga₁₁ = saga[reap]; kíĝ, {ĝeš}kíĝ = kiĝ[pointed]

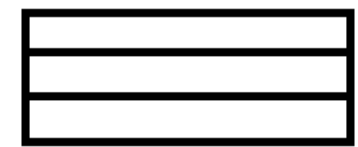
KID



adgub_x; bur_x; buru₆; gé; gí; gid; git; gub₅; gup₅; ke₄; ket; ki₄; kid; kit;
kiṭ; kub₄; kup₄; lél; líl; lila; muru₁₂; qet; qi₅; qid; qit; saḥ; séḥ; síḥ;
suḥ₄; šàḥ; šíḥ; šáḥ

```
ke4 = ki[place]; ke4 = ak[do]; líl = il[raise]; {gi}kid, kid = kid[mat];  
líl = lil[ghost]; {ĝeš}gid = gida[spear]; saḥ, {+su-uh}saḥ = saḥ[mat];  
kid = kid[break]; {lú}líl, líl = lil[fool]; líl = lil[ill]; {d}KID = KID;  
KID = KID[plain]; KID = KID[knowledge]
```

KISAL



bur₆; dag₄; gipar_x; ĝepar; ĝipar_x; kisal; lel₄; par₄

```
{ĝeš}ĝiparx(KISAL), ĝiparx(KISAL) = ĝipar[tree]; kisal, {+ki}kisal =  
kisal[courtyard]; ĝiparx(KISAL), {ĝeš}ĝiparx(KISAL) = ĝipar[cloister];  
KISAL = barag[spread]; KISAL, {lú}KISAL = KISAL[profession]
```

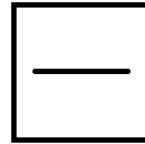
KIŠ



erra_x; il_x; keš; keše; kis; kiš; kiše; kiši; kiş; laz_x; qis; qiš

kiš = kiš[totality]

KU



be₅; bèd; bèt; bi₇; bìd; bìt; bu₇; bul_x; dab₅; daba₅; déb; díb; duš; gu₅; gud₇;
gùz; ħu_x; kakkus_x; ku; kùd; kùz; nu₁₀; qú; saħ_x; su₅; suħ₅; sur₁₁; suš; še₁₀;
šed₆; ši₅; tib_x; tibir_x; tukul; tukula; tum₅; tuma; tuš; tušu; ʔuš; ugu₄; záp;
zu_x

dab₅ = dab[seize]; ku = kug[metal]; ku = kug[pure]; tuš = tuš[sit];
ku = gul[destroy]; díb = dib[pass]; {ġeš}tukul, tukul = tukul[weapon];
tuš = dur[buttocks]; bu₇ = bur[tear]; ku = gu[pulse]; ugu₄ = ugu[bear];
suħ₅ = suħ[extract]; ku = kukkug[dark];

šed₆, {+še}šed₆, {+e-še}šed₆ = šed[defecate]; bu₇ = bul[blow];
 bèd = bed[defecate]; bu₇ = bur[glow]; suḥ₅ = suḥ[defecate];
 {na₄}KU, {urud}KU, {ġeš}KU = dur[door socket]; suš = suš[grease];
 {ġeš}KU = KU[plow]; saġ-{{+ku-ru-un}}kúrun = saġkurun[brewer?]; KU = KU[hole];
 tuma = tuma[fart]; {ġeš}KU = KU[plough?]; KU = KU[strengthen]

KUL



gu₉; gúl; ġu₉; ku₉; kul; kula; kulu; kur_x; nu₅; nuġun; numu; numun; qul;
 šabalbal; til₈; zar₄; zara_x; zer; zir; ziri
 numun, {ġeš}numun = numun[seed]; zir = zir[break]; {ú}numun = numun[grass];
 {ú}kul, kul = kul[plant]; {ġeš}zara_x(KUL) = zara[pivot];
 {ġeš}kul, kul, {urud}kul = kul[handle]; šabalbal = šabalbal[descendent];
 kul = kul[collect]; kul, {urud}kul = kul[a metallurgical term];
 kul = kul[bowl]; kul = kul[run];
 {urud}numun, {ġeš}numun = numun[a part of a plow]; kul = kul[meal];
 kul = kul[heavy]

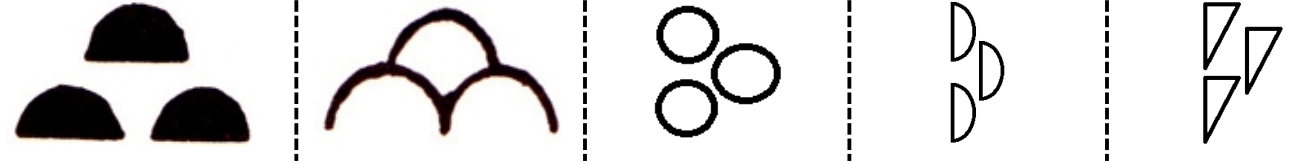
KUN



ku₁₄; kúĝ; kun; kunu; megida_x; qun

kun = gu[neck]; kun, {ĝeš}kun, {gi}kun = kun[tail]; kun = kuĝ[stair];
megida_x(KUN) = megida[sow]

KUR

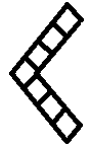


amma; anubu; ge₂₁; gèn; gìn; gina; gur₁₆; kìn; kur; kuru_x; lad; lat; lata;
laṭ; mad; mak; mat; maṭ; nad; nat; nata; qúr; ram_x; raman; ramanu; rammanu;
rašu; razu; sad; sat; sata; šad; šada; šadi; šadu; šaḥan; šat; šata; šaṭ;
zat; zizanu

kur = gur[unit]; kur, {tumu}kur = kur[mountain]; kur = kur[enter];
kur = gur[turn]; kur = kur[different]; gur₁₆ = buru[harvest];

gur₁₆ = gur[lift]; ^{ĝeš}kur = kur[wood]; šadu = satu[mountain]; ^{d}KUR = Anbu;
kur = kur[burn]; mad = madĝa[~flour]; anubu = anubu[(unknown meaning)];
gìn = gin[mountain]; zizanu = zizanu[cricket]

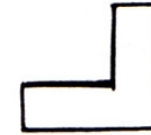
KÙ



kù; kug; kuk; qu₅

kug, ^{na₄}kug = kug[metal]; kug = kud[fish]; kù = kugbabbar[silver];
kù = kur[enter]; kug = kug[pure]; kug = ku[place]

LA



la; šik_x; šika

la = la[hang]; la = nu[not]; la = li[juniper]; šika, {dug}šika = šika[sherd];

LAGAB



élla; ellag; ellaĝ; gerin; gíl; gíli; gir₈; girak; giren_x; giri₈; giriak;
girim; girin; gud₈; gur₄; gùrun; ħab; ħaba; ħap; illag; kel; kele; kil; kili;
kilib; kîr; ku_x; kur₄; kuru₄; lagab; lúgud; ni₁₀; nígi; nígin; níĝen; níĝi;
níĝin; nímen; nin₄; qel; qèr; qil; qîr; qur₉; rè; rem; reme; rî; rim; rin;
sim₄; su_x; sur_x; tin_x; tuku₆; tukul_x; tukur; tur₆

níĝin, {+ni-gi}níĝin, {+ni-gìn}níĝin = niĝin[encircle];
kilib, {+ki-li}kilib = kilib[total]; ħab = ħab[plant];
gur₄, {+kur}gur₄, {+gu-ur}gur₄, {+x-ur}gur₄ = gur[thick]; níĝin = niĝin[total];
lagab, {na₄}lagab, {ĝeš}lagab, {+la-gab}lagab, {im}lagab = lagab[block];

```

lúgud = lugud[short]; kilib = gilim[rope]; ellaĝ = ellaĝ[bead];
ḥab, {ĝeš}{šim}ḥab, {+ḥa-ab}ḥab = ḥab[malodorous]; girim = girim[flower];
rim = lu'erim[evildoer]; {ĝeš}ellag, ellag = ellag[ball]; gir8 = kid[break];
lúgud = lugud[pus]; tukur = tukur[chew];
gur4, {ĝeš}{+gi-iš}gur4{+ku-u-ru} = gur[container]; kur4, {ĝeš}kur4 = kur[wood];
tukur = tukur[important]; kîr = kîr[grovel]; ellaĝ = ellaĝ[kidney];
lagab = lagab[massive]; girak = girak[pinched-off piece (of clay?)];
lagab = lagab[excess]; lagab = lagab[rail]; kil = kil[short];
ḥab = ḥab[pot]; lagab = lagab[break]; lagab = lagab[debt-note]

```

LAGAB.LAGAB



ban_x; garadin₅; iṣḥara; karadin₅; kèl; kîl; kila_x; kîli; kîlib; kilu_x; kin₄;
ni₆; niggi_x; nigginaku; nigi; nigin; niĝen; niĝin; nimen_x; nîn; nini; nínni;
rîn

```

kîlib = kilib[total]; niĝin = niĝin[total]; niĝin = niĝin[water]

```

LAGAB×A



a₉; à'a; abbar; abbara_x; áblal; aia₄; ambar; ambara; anbar; as₄; aslum; ášte;
aya₄; bugin; bukin_x; buni; buniĝ; bunin; elamkuš₄; ellamkuš₄; engur_x; gunim_x;
gúnin; i_x; id_x; kúnin; namma_x; nammu_x; pugin_x; sug; sugi_x; suk; suq; šùk;
umun₁₁; zikum_x; zug; zuk; zuq

sug = sug[empty]; ambar = ambar[reed-bed]; sug = sug[stand];
{ĝeš}buniĝ, buniĝ, {gi}buniĝ = buniĝ[trough]; sug = sug[marsh];
{ĝeš}ášte = ášte[chair]; ášte = Ašte; ellamkuš₄ = ellamkuš[bladder];
umun₁₁ = umun[pit]; sug = sug[back]; aya₄ = aya[marshland];
sug = sug[shrine]; aya₄ = aya[surround?]

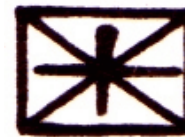
LAGAB× (GUD&GUD)



dab_x; dib_x; gana₄; ganam₄; gayayu; iau_x; laḥar; laḥra_x; laḥru; laḥrum; šerba;
šurim; šuru; šurum; šurun; u₈; ua; us₅; uwa_x; uz₅; wa_x
u₈ = u[ewe]; u₈ = e[speak]; u₈ = ua[oh]; u₈ = u[sleep]; u₈ = ua[provisioner];
šurum = šurum[litter]; gana₄ = ganu[bird]; ganam₄ = ganam[ewe];

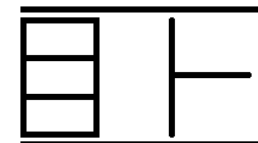
`{d}laḥar = Laḥar; laḥar, {d}laḥar = laḥar[ewe]; us5 = us[sheep];
u8 = u[defeat]`

LAGAB×ḪAL



`amax; angur; buniĝ; buniĝ; ex; engur; gilugu; gur22; i8; id; lammu6; namma;
nammu; zigum; zikum; zikumux
id = id[river]; zikum = zidgu[flour]; zikum = zikum[hostel];
zikum = zidkum[flour]; {ĝeš}buniĝ = buniĝ[trough]; engur = engur[waters];
{d}namma, namma = Namma; {d}nammu, nammu = Nammu; {+an}angur, angur = Angur;
engur = Engur`

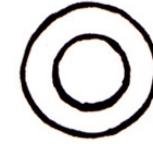
LAGAB×IGI-gunû



`ágar; bara7; immax; para7; šára`

`{d}šára, šára = Šara; bara7 = barag[sanctum]; ágar = agar[meadow]; šára =
šara[slander]; |LAGAB×IGI-gunû| = LAGAB×IGI-gunû[vessel]`

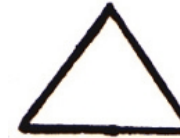
LAGAB×U



adda_x; bu₄; bu₆; bur_x; dúl; dula_x; gàla; gígir; gígira; ɥáb; ɥáp; kàla; pú;
tukur_x; túl; ɥul; ub₄

```
{ĝeš}gígir, gígir = gigir[chariot]; {ú}ɥáb, ɥáb = ɥab[plant];  
pú, {ĝeš}pú = pu[well]; ɥáb = ɥab[malodorous]; túl, {+tu-ul}túl = tul[fountain];  
ub4 = ub[drum]; pú = pu[orchard]; kàla = kalak[trench]; ub4 = ub[cavity];  
dúl = dul[lower]; {ĝeš}|LAGAB×U|, |LAGAB×U| = LAGAB×U[~architecture];  
túl = tul[(unknown meaning)]
```

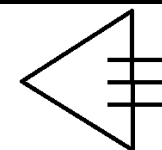
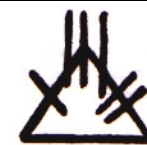
LAGAR



lagal; lagar; nagal

```
lagar = lagar[priest]; {ú}lagar = lagar[plant]
```

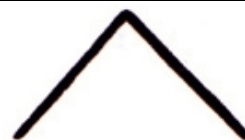
LAGAR-gunû



du₆; dul₆; lab_x; tíl; tu₂₁; tul₅; ðùl

du₆ = de[carry]; dul₆ = dul[cover]; du₆ = dud[mound]; du₆ = du[platform];
{ĝeš}du₆ = du[a wood or wooden object]

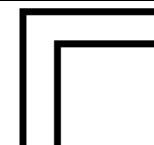
LAL



lá; lal; lu_x; sur₅; suru₅; šur_x; šuru_x; zur₅; zuru₅

lal = lal[small]; lá = la[hang]; sur₅ = sur[harness]; lá = lal[syrup];
lá = la[stretch]; lal = lal[strap]; lal = labar[slave]; lá = la[accuse];
lal, {ú}lal = lal[plant]; lá = la[silent]; sur₅ = usur[suspend]

LÁL



kurnun; la₅; la'u; lál; lal'u; lalla; lallal; papnun

lál = lal[small]; la'u = la'u[arrear]; lál = la[hang];
lál, {kuš}lál = lal[strap]; lalla = lalla[loss]; {ú}lál = lal[plant]

LAM



eš_x; la₁₂; lam; lama; lamma_x; lem_x; lìm; lug_x; lum₄

{na₄}{d}lama = lammar[deity]; lam, {ĝeš}lam = lam[tree]; lam = lam[flourish];
{ĝeš}eš_x(LAM) = eš[tree]; {d}lama = Lama; lam, {gi}lam = lam[cutting]

LAM×KUR



àrad; eš₂₂; eš_u_x; is_x; iš₁₁; kim_x; lam₇

{ĝeš}lam₇ = lam[tree]; {ĝeš}eš₂₂, eš₂₂ = eš[tree]

LI



èn; gúb; gúp; le; li; ni₈; nu₉

gúb = gub[stand]; le = la[hang]; èn = inim[word]; LI = il[raise];
li = nu[not]; èn = ane[he]; li = lil[ghost]; gúb = gab[left];
li, {ĝeš}li, {ĝeš}{šim}li, {ú}{šim}li = li[juniper]; li = lib[rich];
li, {ĝeš}li = le'um[board]; gúb, {+gu-ub}gúb = gub[bathe]; li = li[branch];
li = lib[high quality]

LIŠ



dél; díli; dílim; li₁₂; lih₄; lis; liš; liz; mal₄; šil₄

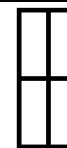
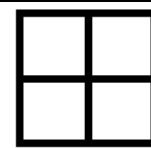
{ĝeš}dílim, dílim, {urud}dílim, {zabar}dílim = dilim[spoon]; liš = liš[crumb]



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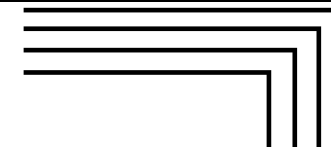
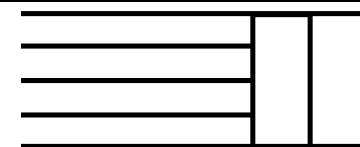
LU



dul_x; eze; lu; lub_x; lug; nu₁₂; si₆; udu

udu, {munus}udu = udu[sheep]; lu = lu[person]; lu = lu[abundant]; lu = lu[mix];
{+lu-gu-ud}lúgud = lugud[short]; LU = lub[bag]; {+lu-di-n
a}uludin, {+lu-di-na}úludin = uludin[form]; eze, {+e}eze = eze[sheep];
lug = lug[live]; {+ú-lu-ḥu}{ĝeš}ù-luḥ = uluḥ[sapling]; {+lu-gu-ud}lugud = lugud[pus];
lug = lug[twist]; LU = lu[sheep]; {ĝeš}lug = lug[position]

LUḥ



ḥuluḥ; làḥ; làḥa; liḥ; lik_x; luḥ; luḥu; naḥ; raḥ; riḥ; ruḥ; súbur; sugal₇;
sukal; sukkal; šukal; šukkal

sukkal, {d}sukkal = sukkal[secretary]; raḥ = raḥ[beat]; luḥ = luḥ[clean];
LUḥ = kisal[courtyard]; ḥuluḥ = ḥuluḥ[frightened]; luḥ = luḥ[dirt]

LUL



bàḥ; buḥ; duga_x; dúnga; ìlumer; ka₅; kusun; kúšum; láb; leb; lep; lib; libi;
lip; lu₅; lub; lug_x; luk_x; lul; lulu; lup; nàgar; nar; nara; nari; paḥ; pán;
piḥ; puḥ; sar₇; se₃₀; sulug; sulun; šatam; šattam; šaṭam; še₁₁; tumga; zàlag;
zulug

```
nar, {lú}nar, {munus}nar = nar[musician]; šatam = šatam[official];  
lul = lul[false]; se30 = sed[cold]; lu5 = lu[abundant]; zàlag = zalag[shine];  
lib = lib[rich]; lugx(LUL) = lug[live]; lib = lib[daze]; lib = lib[heart];  
lub, {urud}lub, {+la-ab}lub, {ĝeš}lub, {ĝeš}{+li}lub = lubi[ax]; paḥ = paḥ[leg];  
dúnga, {d}dúnga = Dunga; LUL = LUL×ŠE[bird];  
sulun = zulun[have a powerful voice]; kúšum = kušum[height]
```

LUM



gam_x; gu₁₅; gud₆; gúm; gumu; gun₅; guz; ħu₅; ħub_x; ħum; ħumu; ħun_x; ħus; ħuz;
kuĝ_x; kun_x; kús; kúş; lam_x; lu₄; lub_x; lum; luma; lumu; nim₄; nu₄; núm; qùm

LUM = murgu[shoulder]; guz, {+gu-uz}guz = guz[tufted]; {ĝeš}kuĝ_x(LUM) =
kuĝ[stair]; lum = lum[fruit]; guz = guz[crush]; lam_x(LUM) = lam[flourish];
gúm = gum[mange]; ħum = ħum[snap]; gúm, {+ku-uz}gúm = gum[lame];
ħum, {+ħu-um}ħum = ħum[paralyze]; lum, {dug}lum = lum[vessel]; lum = lug[twist];
lum = lum[excrement]; lum = lum[animal]

LÚ



adda_x; du_x; giri_x; ínbir; lú; na₆; rúĥ; ša₁₁; šaga_x; šaĝa_x; šu_x

lú = lu[person]; lú = lu[abundant]; lú = lu[mix]; LÚ = dud[combat];
lú = lug[live]; šaĝa_x(LÚ) = šaĝar[oppressed]; {kuš}LÚ = LÚ[bucket];
giri_x(LÚ) = giri[unmng]

LÙ



gad_x; gar₅; gud_x; gúg; kúk; lù

lù = lu[person]; gúg, ^{ninda}gúg = gug[cake]; lù, ^{+lu-u}lù, ^{+lu}lù = lu[mix]



MA



ma; pèš; pešše; wa₆

ma = ma[ship]; ma = ak[do]; ma = maḥ[great]; {ĝeš}pèš, pèš, {mu}pèš = peš[fig];
ma = me'e[I]; {+ma-na-te-eš}diš = diš[one]; ma = ma[house]; ma = men[go];
MA, {túg}MA = MA[cloth]; ma = ma[and]

MAḤ

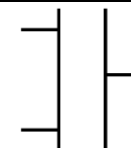
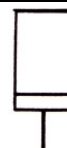


al₆; maḥ; maḥa; meḥ; miḥ; šutur

maḥ, {d}maḥ, {+ma-ḥu}maḥ, {ĝeš}maḥ = maḥ[great]; maḥ = maḥ[mature];
{túg}šutur, šutur, {+tu}šutur = šutur[garment]



MAR



gar₇; ĝar₇; mar; mara; mura_x; wár

ĝar₇ = ĝar[place]; mar = MAR.TU[westerner]; mar = mar[place];
mar, {ĝeš}mar, {urud}mar = mar[shovel]; mar, {ĝeš}mar = mar[wagon];
mar = mar[parasite]; mar = mar[profession]; mar = mar[winnow];
mar = mar[smear]; mar = mar[~grain]

MAŠ



ba₇; baš; ma₇; mas; maś; maš; maša; maş; naš; sa₉; til₉; waš; zapaḥ_x; zipaḥ

maš = maš[goat]; maš = maš[interest]; {d}maš = Ninurtak; zipaḥ = zipaḥ[unit];
sa₉, {+sa}sa₉ = sa[half]; maš = maš[twin]; ba₇, {+ba}ba₇ = ba[half];
{ĝeš}maš = maš[plant]; maš = maš[pure]; {ĝeš}maš = maš[~wheel];
{ĝeš}maš = maš[~wagon]; sa₉ = sa[halve]; maš = maš[border];
zapaḥ_x(MAŠ) = zapaḥ[span]; maš = maš[unit of measure?]; {dug}maš = maš[tile]

MAŠ . GÚ . GÀR



dál; dalla; zub_x

dalla = dalla[ring]; dalla = dalla[bright]

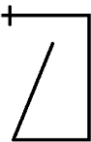
MÁŠ



kun₈; máš; mašaku; máz

máš, {+ma-áš}máš = maš[goat]; máš = maš[interest]; {ĝeš}máš, máš = maš[~wheel];
{+ma-áš}máš, máš = Maš

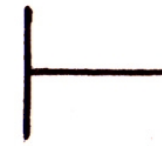
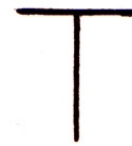
MÁ



ḥu_x; má

má, {ĝeš}má, {gi}má, {+ma-a}má = ma[ship]; {ĝeš}má = ma[weapon?]

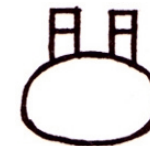
ME



ba₁₃; deš₄; diš₄; esib_x; ga_x; gal_x; ge_x; isib; išib; ma₆; me; mén; méš; mî; sep;
sib; sip; šab₄; šeb; šep; šib; šip; tuba

me = e[house]; me = e[leave]; me = me[be]; me = niĝ[thing]; me = e[speak];
me = me[Being]; me = me[battle]; išib = išib[priest]; me = mete[one's own];
{túg}ba₁₃, ba₁₃ = ba[garment]; ma₆ = ma'a[where?]; me = me[silence];
me = me[desire]; me = me[refine]; {+me-er-me-er}mérmer = Mermer; me = me[we];
me = me[stiffness]; me = min[establish]; me = me[heaven]

MES



dub_x; kišib; mes; mesa; mesi; mēš; meš; mez; mis; miš; miš; pisaĝ_x red; ret;
rid; rit; riṭ

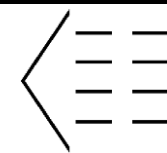
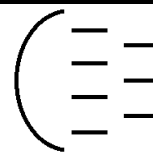
kišib, {na₄}kišib = kišib[seal]; {ĝeš}mes, mes = mes[tree];
mes, {+me-es}mes = mes[hero]; kišib = kišibla[wrist];
mes, {ĝeš}mes = mes[blackness]



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MI



anzu_x; dúgud; ga₁₂; ge₆; gég; gegge; gi₆; gíg; giggi; gígi; gikki; gissu_x; ĝe₆;
ĝi₆; ĝissu_x; ĝizza; ku₁₀; kukku₅; kuku₅; mé; mi; muš₉; muši; mušu; sil₄; sim_x;
su_x; šíl; wi₄; zil_x

ĝe₆ = e[house]; mi = munus[woman]; mi = me[be];
giggi, ^{+gi-ig}giggi = giggig[black]; mi = ama[mother]; mi = ni[self];
gíg = gig[sick]; mi = me'e[I]; mé = me[battle]; ĝi₆ = ĝi[night];
dúgud = dugud[heavy]; ĝizza = ĝissu[shade]; kukku₅ = kukkug[dark];
gi₆ = gi[woman]; mi = mim[night?]

MU



gu₁₀; ĝu₁₀; i₁₄; ia₅; meḥida; meḥidi; meḥidu; mu; muḥaldim; muḥaldima; suḥ₇;
šád; šu₁₀; šùm; šumu; tàḥ; tùḥ; wu₄

mu = mu[year]; mu, ^{im}mu = mu[name]; mu = ĝeš[tree];
muḥaldim = muḥaldim[cook]; mu = mu[grow]; táḥ = taḥ[add]; mu = mur[dress];
mu = mu[youth]; mu = mu[tree]; mu = mu[incantation]; mu = meš[penis];

{+mu-lu-ug}ŠIM = mug[aromatic]; mu = mu[noise]; mu = mu[manly];
 {+du-mu-gu}dumu-gir₁₅ = Dumugir; {+mu-ud-la}mudla = mudla[basket];
 mu = mušhe[heaven]; {+mu-ud-rum}mùdru, {+mu-ud-ru}mùdru = mudru[fuller];
 suḥ₇ = suḥ[interior]; mu = mu[fire]; mu = mu[large]; mu = mu[sky];
 mu = mu[great?]; mu = mu[house?]; mu = mu[instruction?]

MU&MU



daḥ; siskur_x; taḥ; taḥa; túḥ; ṭaḥ
 taḥ = taḥ[add]

MUŠ



imdudu; irḥan; mus; muš; muṣ; muz; neraḥ; niraḥ; saḥan; su_x; suḥ_x; šáḥan;
 šer₁₀; šeraḥ; šir₁₀; šuba_x; šár; šer; šir; šúr; uludi; uluki; wuš; zèr; zìr
 muš, {ġeš}muš, {ú}muš = muš[snake]; zèr = zir[break]; muš = muš[face];

muš = muš[space]; suḫ_x(MUŠ) = suḫ[crown]; šuba_x(MUŠ) = šuba[multicoloured];
 muš = muš[comb]; {d}niraḥ, niraḥ = Nirah; {d}irḥan = Irḥan; {dug}muš = muš[pot];
 {mul}muš = Muš[Snake]; {d}MUŠ = Utudi; {id}{d}niraḥ = Nirah;
 {d}niraḥ = niraḥ[adder]; šer₁₀ = šer[acquisition]

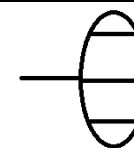
MÙŠ



ennin; inana; inanna; inini; innana; innin; ištār; mīm; mùš; mušku; nín;
 ninni₆; sar₅; se₂₇; sed₆; sedi₆; suba₄; subi₄; suḫ₁₀; suku₆; sùkud; sukuš; súš;
 susbu₄; súz; še₂₃; šed₁₂; šuba₄; zanaru; zannaru

{d}inana, inana = Inanak; sed₆ = sed[cold]; mùš = muš[face];
 šuba₄ = šuba[stone]; innin = innin[lady]; mùš = muš[space];
 suḫ₁₀ = suḫ[crown]; šuba₄ = šuba[multicoloured]; {ĝeš}suku₆ = suku[pole];
 {d}inanna = inana[goddess]; sukuš = suḫgir[diadem];
 zanaru = zanaru[instrument]; {d}inana = Inana; mīm = mim[space]

NA



aniku; na; ne₆; nu₈

na = ak[do]; na = me[be]; na = nu[not]; na = nam[fate];
na, {na₄}na = na[stone]; na = nud[lie]; {na₄}na, na = na[pestle];
{ĝeš}na, na = na[box]; na = na[man]; na = na[heaven?]

NAGA



éreš; ériš; ḥamun_x; ḥilib; naga; naĝa; nák; nama; nanga₆; nanibgal_x; nídaba;
nísaba; tè; teme; tu₂₂; uga_x; uḥul

naĝa, {na₄}naĝa = naĝa[potash]; ḥilib = ḥili[attractiveness];
{d}nísaba, nísaba = Nisabak; {ú}teme, {+te}teme, teme = teme[plant]

NAGAR



alla; bulug₄; e₁₀; ĥaia; ĥaya; ildum_x; illa; lamga; nagar; nagara; naġar;
nimin_x

nagar = nagar[carpenter];
bulug₄, {urud}bulug₄, {ġeš}bulug₄, {na₄}bulug₄ = bulug[needle]; {d}alla = Alla;
{d}NAGAR = NAGAR; bulug₄ = bulug[sew]; alla = alla[oak]

NAM



ber₅; bi_x; bir₅; na₇; nam; pir₆; si₁₃; sim; sín; sím; šam₄; šèn; ším

nam = me[be]; nam = nu[not]; nam = nam[fate]; NAM = tum[bring];
nam = ana[what?]; nam = nam[administrative]; bir₅ = bir[locust];
nam = name[any]; nam = anam[what]; {ku₆}sim = sim[fish];
sim, {+si-im}sim = sim[sieve]; nam = nam[lord]; sim = sim[smell]

NÁM



nám

nám = nam[fate]; nám = nam[lord]; nám = nam[thought]

NÁ



daram_x; gèšnu; ĝèšnu; ná; nàd; ne₇; nú; nud; še_x; šed_x; timua_x

ná = ana[what?]; nud, ^{+na}nud, ^{+nu-u}nud = nud[lie]; nú = NU[spin];
še_x(NÁ) = šed[lie]



bar₇; bara_x; be₇; bel; bí; bil; bila; bili; bir₉; birbir_x; dè; di₇; didal_x;
 du₁₇; ge₉; gi₉; gibil₄; gir₁₀; gùm; êe₉; êi₉; íbbi; izi; izu; ku₁₆; kúm; kun₉;
 lám; láma; le₉; lem₄; li₉; lim₄; ne; ni₅; nun_x; pe₅; pel; pi₅; pil; qúm; šar_x;
 še₆; šeg₆; šegê₆; šem_x; şaḥ; şéh; te₄; ti₉; tèt; ti₅; zaḥ; zi_x

dè = e[house]; be₇ = e[leave]; ni₅ = niê[thing]; dè = de[carry];
 dè = dug[good]; ne = e[speak]; dè = de[pour]; ne = ni[self];
 gibil₄ = gibil[new]; dè = di[speak]; šegê₆, {+še-èê}šegê₆ = šegê[cook];
 izi, {+i-zi}izi, {+iz}izi = izi[fire]; {êeš}izi, {êeš}{+i}izi = izzi[wall];
 pel = pel[defile]; du₁₇ = dud[combat]; {d}gibil₄ = Gibil;
 kúm, {+ku-um}kúm = kum[hot]; zaḥ = zeda[piglet];
 bil, {+bi-x}bil, {+bi}bil, {+pi-il}bil = bil[burn];

^{d}NE = Lisina; bir₉ = bir[scatter]; ne = ne[strength]; me₁₂ = emeš[summer];
 šar₉ = šar[mix]; ^{ĝeš}gibil₄ = gibil[firewood]; bir₉ = bir[shred];
 bar₇, ^{+bi-ir}bar₇, ^{+ba-ar}bar₇ = bar[burn]; li₉ = li[press]; izi = izi[wave];
 bir₉ = bad[leg]; didal_x(NE), ^{+di-dal}didal_x(NE) = didal[ashes];
 šar₉ = šar[~cow]; NE = NE[~silver]; šar₉ = zal[shine];
 ne, ^{+né-e}ne, ^{dug}ne = ne[brazier]; bil = bil[sour]; zaḥ, ^{+za-aḥ}zaḥ = zaḥ[mark];
 lim₄ = lim[hot dish?]; gir₁₀ = gir[anger]; NE = NE[~reed]; me₁₂ = me[heat];
^{ĝeš}NE = NE[~tree]; ^{na₄}zaḥ = zaḥ[stone]

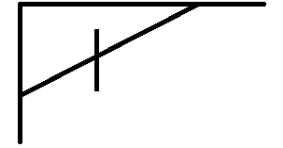
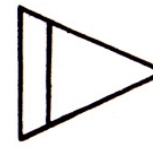
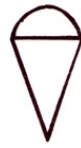
NE-šeššig



bél; bi₅; bíl; ge₁₀; gi₁₀; gibil; gibila; gigi_x; gil₄; ne₈; pél; píl

bíl = bala[turn]; gibil = gibil[new]; pél = pel[defile]; ^{d}gibil = Gibil;
 bíl = bil[burn]; gibil, ^{ĝeš}gibil, ^{gi}gibil = gibil[firewood];
 gibil = gibil[sprout]; bíl = bil[sour]

NI



`a₅; a_x; bè; bu₁₆; de_x; degi_x; dig; digi; dik; diq; gamar; gub₄; gur₁₃; ɥa_x; ì;
ìa; id_x; ili_x; lé; lí; lib_x; líd; mu₅; né; ni; sàl; sàr; súl; súš; šàl;
šaman_x; šamnu; šar₈; šita_x; şal; tana_x; tík; tíq; u₂₄; yà; zagga; zağa; zal;
zala; zalli; zanga; zár

ì = i[oil]; ì = ak[do]; zal = zal[pass]; bè = e[leave]; ni = nin[lady];
né = e[speak]; ni = ni[self]; ni = ni[fear]; súš = šuš[cover];
gur₁₃ = gur[thick]; {+ni-in-da-ba}nindaba = nindaba[offering]; zal = sil[split];
{+ni-id-la-am}ɣidlam = ɣidlam[spouse]; ìa = ya[five];
{+né-eš-šal}ɣisal = ɣisal[rudder]; súl, {+su-ul}súl, {+su-lu}súl, {uzu}súl = sul[meat];
tana_x(NI) = dan[pure]; a{+e}-{+ni-gi-in}niġin = aniġin[reservoir];
dig, {+di-ig}dig = dig[soft]; mu₅ = mu[good]; lí, {+li}lí = li[press];
súl = sul[fatten]; zal = zal[shine]; {uzu}súš, súš = suš[grease];
NI = NI[~flour]; {+ni-in-nu}nenni = nenni[someone];

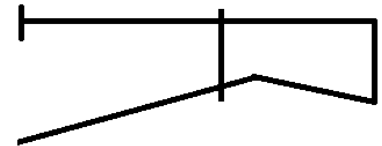
{+ni-ni-im}ninnim₇ = ninnim[offering]; zaĝa = zaĝa[press]; NI = NI[~net];
 šar₈ = zal[noble]; lí = li[oil]; {d}{+ni}nin-{+bi-zi-èm}bìzem = Ninbizem;
 {d}{+ni}nin-{+ur}ur₅ = Ninur; dig = dig[paralyzed]

NI.UD



aban; abnu; atum_x; bar₄; i₄; ia₄; na₄; ya₄; zá
 na₄ = na[stone]; zá = za[bead]; ia₄ = ia[oh!]

NIM



alama_x; dèh; dèh_i; dih; dih_i; elam; elama; elamu; énim; nàm; nem; ni₇; nim;
 nima; nù; num; rùm; tèhe; tèh_i; tu₈; tum₄; tumu₄
 elam, {+e-la}elam = elam[highland]; tum₄ = tum[bring]; tum₄ = tum[carry];
 {ĝeš}dih, dih, {ú}dih, {+ti-ḫi}dih = dih[weed]; nim = nim[high];
 nim, {na₄}nim = nim[fly]; nim = nim[lightning]; {ú}nim = nim[plant];
 {ĝeš}NIM = NIM[a tree]; nim = nim[buzz]; dih, {ĝeš}dih = dih[chaos];
 nim = nim[two?]

NÍNDA



gur₉; inda; nída; nínnda; ugu₇

gur₉ = gur[unit]; inda = ninda[bread]; nínnda, {ĝeš}nínnda = ninda[seed-funnel];
nínnda, {gud}nínnda = ninda[bull]; {dug}nínnda, nínnda, {ĝeš}nínnda = ninda[vessel];
{ú}NÍNDA = NÍNDA[flower?]; NÍNDA = NÍNDA[~cereal]

NÍNDA×NE



ág; ága; áĝ; áĝa; áka; ám; áq; èg; èĝ; èm; ìg; ìĝ; ìm; ra_x; ram; rama; ug_x

áĝ = aĝ[measure]; áĝ = aĝ[thing]; áĝ = aĝ[sky]; áĝ = aĝ[do]

NÍNDA×ŠE



ag_x; ninda_x; sa₁₀; sám; šám

sa₁₀ = sa[pay for]; sám = sam[price]

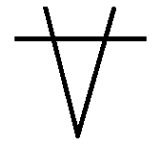
Ní



me₁₀; ní

ní = ni[self]; ní, {+ni}ní = ni[fear]

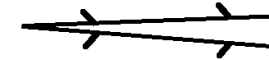
NU



là; nu; sar_x; sir₅; sur_x; šir₅; úl

nu = lu[person]; nu = me[be]; nu = nu[not]; nu = nun[prince]; nu = nud[lie];
NU = nen[this]; nu = nu[fly]; nu = nu[man]; nu = nu[coagulated material];
nu = nu[genitalia]; sir₅ = sir[pointed]

NUN



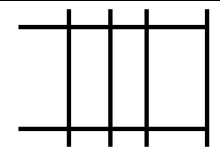
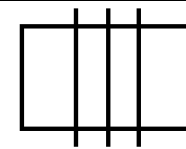
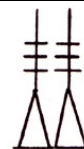
ab_x; dab_x; daba_x; erida; eridu; eridug; eriduga; gar₆; gara₆; li₁₁; nu₆; nuĝ_x;
num_x; nun; nuna; nunun; rab_x; sıl; şıl; za₄; zal_x; zel; zil
nun = nun[prince]; zil = zi[cut]; zil, {+si-il}zil, {+zi-il}zil = sil[split];
zil = zil[good]; nun = nun[object]; eridu = eridu[guidance]

NUN.LAGAR



immal_x; mal_x; surum; šilam_x; šurum_x; tūr; ummal_x
tūr = tur[small]; tūr, {é}tūr = tur[stall]; tūr = dur[sit];
tūr = tul[fountain]

NUN&NUN



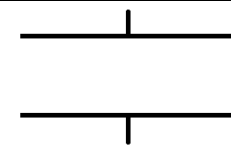
lur_x; nār; nara_x; nener_x; ner; ninir; nir; nira; nur; ri₅; šer₇; tir_x
{na₄}nir = nir[stone]; nir = nir[lord]; nir = nir[winnow]; nir = nir[trust];
{+šè}šer₇, {ĝeš}šer₇, šer₇ = šer[~object]

NUNUZ



gunida_x; nunu; nunus; nunuz; nus; nuz; pel₅; sug₉

```
nunuz, {na4}nunuz, {dug}nunuz, {kuš}nunuz = nunuz[egg];  
gunidax(NUNUZ) = gunida[~grain]; nunus = nunus[woman];  
{d}{+nu}nusus, {d}nusus = Nunus; nunuz = nunuz[descendant]
```

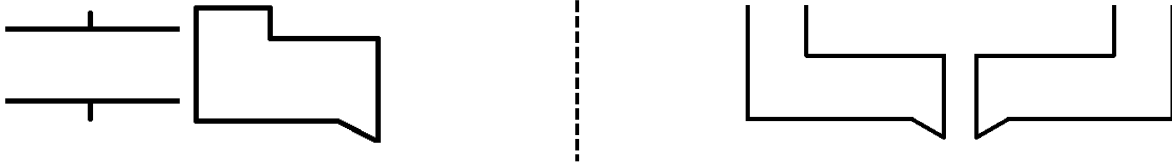


addir_x; àri; aru; bá; dur₆; duru₆; endur; geštara; gidar; gidir_x; gidri;
gidru; gišturu; ġedar; ġedru; ġešturu; ġidri; ġidru; ħad; ħàniš; ħás; ħás;
ħat; ħata; ħaṭ; ħáz; ħendur; ħud; kum_x; kún; lar; lu₉; lúg; lúġ; lúġa; lun;
maš₄; midra; mu₆; mua; muati; muatu; mudru; munsub_x; muwa; muwati; mua;
muyati; pa; sàg; sàk; sèg; si₂₉; sìg; sígga; siqqa; súllat; šàg; šúllat; u_x;
ugula; ugulu; zág; zák; záq

šàg = šag[heart]; ugula = ugula[overseer]; pa = pad[find]; pa = bad[wall];
pa = bar[outside]; sìg = sig[put]; sàg = sag[good]; sìg = sig[impose];
sìg = sug[empty]; pa, {ġeš}pa, {gi}pa, {+pa-a}pa, {kuš}pa = pa[branch];
sàg, {+sa-ag}sàg = sag[beat]; ġidru, {ġeš}ġidru, {urud}ġidru = ġidru[scepter];
sàg = sag[scatter]; sìg = sig[silence]; sìg = sig[flatten]; {d}muati = Nabu;
sìg = sig[equal]; sìg = sig[clear]; lúġa = luġa[damage]; ħad = ħad[stick];
sìg = sig[burn]; muwa = mu'u'a[youth]; {d}šúllat, {d}{+x}šúllat = Šullat;
mudru, {mu}mudru = mudurun[scepter]; kún, {+ku-un}kún = kun[shine];

ḥud = ḥud[arrowhead]; mu₆ = mu[manly]; lúḡa = luḡa[submerge];
lu₉ = lu[flare]; {d}sìg-^{+zi-qí-qu}sìg = Ziqiqu

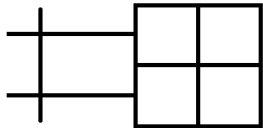
PA.ḤÚB.DU



rig₇

rig₇ = rig[donate]; rig₇ = rig[eat]; rig₇ = ḡarig[pen]; rig₇ = rig[boil];
rig₇ = rig[sheepfold]

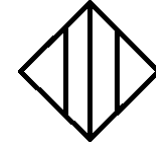
PA.LU



núska; núsku; núška; núšku; re'e; re'i; re'u; sàp; síb; siba; sibad; síp;
sipa; sipad; suba_x; šab₅; šap₅; zìp

sipad, ^{lú}sipad = sipad[shepherd]; {d}núska = Nuska

PAD



bád; bát; bu₁₅; bur_x; gu_x; kur₆; kurum₆; kurumma_x; pa_x; pad; pada; pat; pata;
paṭ; šat_x; šug; šuk; šuku; šùkun; šúkur; šuq; šutug

```
pad = pad[find]; šúkur = šukur[rational]; pad = pad[break];  
kurum6 = kurum[rational]; pad, {gi}pad = pad[basket];  
{gi}šutug, šutug, {ĝeš}šutug = šutug[reed-hut]; šúkur = šukur[land]
```

PAP



àḥa; ba₁₄; bab; bap; gur₁₂; kúr; kúru; pa₄; pab; pap; qur₄; tab_x

```
pa4 = pad[find]; kúr = kur[mountain]; kúr = kur[enter];  
tabx(PAP) = tab[double]; kúr = gur[turn]; kúr, {+kur}kúr = kur[different];  
kúr = kur[unit]; pa4 = par[canal]; PAP = PAP[a notation]; pap = pap[relation]
```

PI



à; am₇; aw; ba_x; be₆; bì; bu_x; da_x; e_x; ew; geltan; gešdu; geštu; geštug;
geštunu_x; gišdu; gištu; gištug; gištunu_x; ĝestug; ĝešdu; ĝeštu; ĝeštug;
ĝistug; ĝišdu; ĝištu; ĝištug; i₁₆; ia₈; íu; iw; ma₉; me₈; meštunu_x; mi₅;
mištunu_x; muštu; muštug; neda; pa₁₂; pe; pi; ta₇; tál; tála; til₇; u₁₇; uštu;
uštug; uw; wa; we; wi; wu; ya; ye; yi; yu

be₆ = ba[allot]; ĝeštug, {ĝeš}ĝeštug, {kuš}ĝeštug, {uzu}ĝeštug = ĝeštug[ear];
tál = tal[broad]; {ku₆} {+ĝeš}geštug, {ku₆}geštug = ĝeštug[fish];
{+uš-túg}uštug, uštug = muštug[ear]; be₆ = be[diminish]; PI = tam[trust];
{ĝeš}ĝeštug = ĝeštug[~plow]; PI = PI[unit]; {túg}PI = PI[garment]

PAP.E



pa₅; pad₅

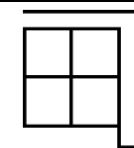
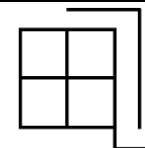
pa₅ = par[canal]; {kuš}pa₅, pa₅ = pa[pouch]



as; asa; aș; az; aza; ug_x; u_s₄; uș₄; uz₄

az, {ĝeš}az = az[bear]; {ĝeš}{šim}az, {ĝeš}az = az[myrtle]

RA



ra; ráḥ

ráḥ = raḥ[beat]; ra = ri[impose]; ra = ri[distant]; ráḥ = raḥ[disease]

RI



bag_x; bak_x; dal; dala; de₅; deg_x; di₅; eš₁₁; ḥu_x; re; ri; rig₅; ša₇; tal; tala;
ṭal

RI = dirig[exceed]; de₅ = de[carry]; de₅ = de[pour]; deg_x(RI) = deg[collect];
RI, {+di}RI = ri[impose]; {+qa-ri-im}ga-ríg = garig[comb]; re = re[that];
dal = dal[fly]; {+gu-ri-in}gurun_x(|4×TAB|) = gurun[fruit]; ri = ri[distant];
{ĝeš}dal, dal = dal[rack]; {dug}dal, dal = dal[vessel]; re = ur[convulsed];
bag_x(RI) = pag[enclose]; dal = dal[line];
{+ki-ri}kìri-{+pe-eš}péš = kiripeš[disease]; RI = RI[cry];
di₅ = di[have a bowel disorder]; di₅ = di[shine]

RU



gešba; gešbu; gešpa; gešpu; ġešba; ġešbu; ġešpa; ġešpu; ilar; illar; illulu;
illur; illuru; ru; sub₇; šíb; šu_x; šub; šuba₅; šup

ru = du[build]; ru = raḥ[beat]; šub, {+šu-ub}šub = šub[fall]; ru = ri[impose];
šub = sub[rub]; ru = du[plant]; {ġeš}illar, illar, {mu}illar = illar[weapon];
{ġeš}ġešpu, ġešpu = ġešpu[rin]; ru = ru[remove]; ġešbu = ġešbu[weapon];
RU, {ġeš}RU = RU[~architecture]; {ġeš}illar, illar = illar[ball];
{+ú-ru-nu}ùri-na = urinak[sanctuary]

SA



gìd; sa; ša; ša₁₀

sa, {gi}sa = sa[bundle]; sa = saĝ[head]; {+sa-ág-gá}saĝĝa = saĝĝa[official];
sa = sag[good]; sa = sa[pay for]; sa = sa[equal]; sa = zag[side];
sa = si[fill]; sa, {ĝeš}sa, {uzu}sa = sa[sinew]; sa = su[red]; sa = sa[roast];
sa = sar[write]; sa, {ĝeš}sa, {kuš}sa = sa[net]; sa = sag[scatter];
sa = sa[advice]; sa = sar[run]; sa = su[sink]; {+pàr-sa-a}parsa{ki} = Parsa;
{kuš}sa = sa[binding]; sa = sa[jewelry]; sa = sa[entry]; sa = saĥ[shine]

SAG



aka_x; dilib_x; dul₇; dunga; meze_x; muĥĥum_x; res; reš; rēšu; ris; riš; sa₁₂; sag;
saggar; saĝ; saĝa; saĝdu_x; saĝĝar; saĝmin_x; sak; sam_x; san; saq; sur₁₄; ša₂₄;
šag; šak; šaq; šeg_x; zug_x
šak = šag[heart];

saĝ, {ĝeš}saĝ, {na₄}saĝ, {kuš}saĝ, {gi}saĝ, {uzu}saĝ, {tumu}saĝ, {ú}saĝ = saĝ[head];
sag = sag[good]; sa₁₂ = sa[pay for]; sag = zag[side]; sag = tag[touch];

```

saĝ = saĝ[choose]; SAG = su[flesh]; saĝdux(SAG) = saĝdu[head];
saĝdux(SAG) = saĝtak[triangle]; mezex(SAG) = meze[jaw];
dilibx(SAG) = dilib[hair]; sag = saga[press?]; akax(SAG) = aka[fleece];
saĝĝar = saĝĝar[millstone]; sag = saga[reap]; saĝminx(SAG) = saĝmin[twin];
{d}dunga = Dunga; muĥumx(SAG) = muĥum[skull]; {ĝeš}saĝ = saĝ[~object]

```

SAG-gunû



```

alanx; andulx; díl; dùl; kúš; kušu4; lumašx; malakumx; muĥ4; muĥhux; sumur;
súr; súr; šúr; şalam; şalmu; ugu5

```

```

kúš = kuš[skin]; dùl, {túg}dùl = dul[cover]; sumur = sumur[angry];
súr = sur[spin]; sumur = sumur[roof]; andulx(SAG-gunû) = andul[shade];
dùl = dul[shade]; {túg}dùl = dul[covering];
malakumx(SAG-gunû) = malakum[adviser]

```

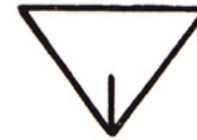
SAL.KUR



amat; amti; amtu; gam_x; ge₁₂; gè_m; gé_{me}; gi₁₂; gìm; gin₅

gé_{me} = ge_{me}[worker]

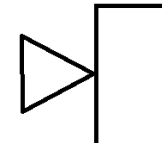
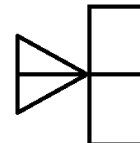
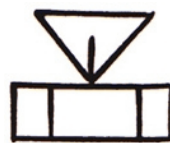
SAL



gal₄; gala_x; galla₄; gambi_x; geme_x; ĝal₄; kal₄; lagar_x; mám; mán; me_x; mem; mí;
mim; mín; mu₁₀; múg; mùk; munus; munuz; murub; nunus_x; nunuz_x; rag; rak; raq;
sal; sala; ša₁₂; šal; šel₄; šal_x

sal = saĝ[head]; munus = munus[woman]; murub = murub[middle];
sal = sal[thin]; mí = mi[praise]; murub = murub[priest];
mín = min[establish]; múg = mug[genitals]

SAL.TÚG



e₅; ereš; eriš; in₅; min₄; nen; ni₄; ním; nin; nìna; nun_x; uruš_x

nin, {d}nin = nin[lady]; ni₄ = ni[fear]; e₅ = ed[ascend]; nin = nin[sister];
nin = nim[fly]; ereš = ereš[lady]; e₅ = e[princely?];
{d}{+ni}nin-{d}anzud{mušen} = Ninanzud; {d}nin-{+ú-ru}ùri = Ninuri;
{d}{+ni}nin-{d}anzud{mušen} = NIN-Anzud

SAR



e₁₄; kiri₆; ma₄; mú; mud₆; nisa_x; nisi; nisig; nissa; niša; sa_x; sáḥar; sakar;
sar; sara; sari_x; se₁₅; si₁₅; sig₁₉; šar; ša₈; šakar; šar; šara₇; šer₉; šir₉

sar, {+sa-ri}sar = sar[garden]; e₁₄ = e[leave];
{ḡeš}kiri₆, kiri₆, {+ki}kiri₆, {+ki}{ḡeš}kiri₆, {mu}kiri₆ = kiri[orchard];
{ḡeš}sig₁₉, sig₁₉ = sissig[green]; mú, {+mu}mú, {+mu-u}mú, {+ma}mú = mu[grow];
sar = sar[write]; nisig, {ú}nisig = nisig[greenery]; mú = mur[dress];

sar = sur[spin]; sar = sar[run]; {dug}sáħar, sáħar = saħar[vessel];
 mud₆ = mud[rabid]; sar, {+sa-kar}sar = sar[shave]; SAR = SAR[nauseated?];
 šar = šar[make splendid]; sar = sar[smoke];
 sáħar, {+sa-ħar}sáħar = saħar[porous?]; {d}sar-{+du-ug}dug₄ = Sardug

SI



ħu_x; ma_x; se; seg₉; si; sig₉; še; śi; šé; ší; şì; u_x

si = us[follow]; SI = šum[garlic]; ma_x(SI) = ma[ship]; si = sug[replace];
 sig₉ = sig[put]; sig₉ = sag[good]; si = šeg[brick]; si = sa[equal];
 si, {ĝeš}si, {urud}si, {ĝeš}{ĝeš}si = si[horn]; sig₉ = zag[side]; sig₉ = sig[impose];
 sig₉ = sug[empty]; {+si-ú-ku}simug = simug[smith]; si = zi[cut]; si = si[fill];
 sig₉ = sig[weak]; sig₉ = šeg[agree]; sig₉ = sig[silence]; si = ší[life];
 sig₉ = sig[flatten]; sig₉ = sug[full]; si = sig[equal]; si = sig[clear];
 sig₉ = sig[tie]; si = si[light]; si = si[heaven]; si = si[remember]

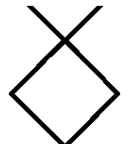
SI.A



dir; diri; dirig; du₂₆; mál; nindar; nindub_x; sa₅; si_x; ter₄; tir₄; țer; țir;
uš₁₅; ušub

dirig, {+di-ir}dirig = dirig[exceed]; dirig = ri[impose]; sa₅ = si[filll];
sa₅ = su[red]; dirig = dirig[float]; sa₅ = sab[jar];
dirig, {itud}dirig = dirig[excess]; dirig = dirig[fall];
{urud}uš₁₅, uš₁₅ = uš[nugget]; {gi}ušub, ušub = ušub[~reed];
dirig, {gi}dirig = dirig[raft]; dirig = dirig[gorge]; dirig = dirig[tear]

SIG



bek; big; bik; epig; ipig; pik; piq; se₁₁; seg; sek; si₁₁; sig; siga; sik;
siq; sé; šì; šag₆; šak₆; še_x; šeg; šek; šì; šig; šik; šiq; zíg; zík; zíq

sig = siki[hair]; sig = sig[put]; sig = sag[good]; sig = sig[impose];
sig = sissig[green]; sig = sag[beat]; sig = sig[weak]; še_x(SIG) = sed[cold];
se₁₁ = se[live]; šeg = šeg[rain]; epig, {dug}epig = epig[vessel];


```
sig = sig[equal]; sig = sig[clear]; sig = sig[tie];
{ġeš}epig = epig[drinking vessel]; sig = sig[south]
```

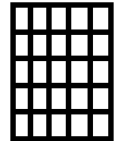
SIG₄



alur_x; bar₅; egar_x; eger₆; egir₆; gar₈; gara₈; ġar₈; kulla; kullu_x; rim_x; seg₄;
sig₄; še₂₇; šeb₄; šed₁₆; šeg₁₂

```
šeg12, {na4}šeg12, {+še-eg}šeg12 = šeg[brick]; SIG4 = suḡur[carp];
šeg12 = šeg[voice]; alurx(SIG4) = alura[baked]; egarx(SIG4) = egar[wall];
{d}kulla, kulla = Kulla
```

SÍK



laḡrum_x; ség; síg; sík; siki; šék; šéq; šík; šíq; u_x; ua_x

```
siki, {túg}siki = siki[hair]; ux(SÍK) = u[ewe]; síg = sig[weak];
síg = sig[pluck]; laḡrumx(SÍK) = laḡar[ewe]
```

SÌLA



ga₅; ka₄; qa; qû; sal₄; sala₄; sîl; sîla; šál

sîla, {dug}sîla, {ĝeš}sîla, {urud}sîla, {+si-la}sîla = sila[unit]; sîla =
sila[street]; sal₄ = sal[thin]; qa = ga[carry]; {+qa-ad-ru}kadra = kadra[gift];
qa = gi[woman]; sîla = sila[cut]; sîla = niĝsilaĝ[dough]; sîla = sul[hasten];
ga₅ = ga[unit]; sîla = sila[fragment]

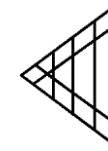
SI-gunû



gunu_x; sa₁₁; si₄; su₄; śí; śú; šî_x; usan₄

sa₁₁ = sa[sinew]; su₄, {+sa}su₄ = su[red]; su₄ = sun[humble];
gunu_x(SI-gunû) = gunu[dwelling]

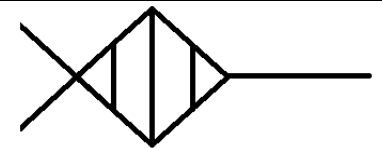
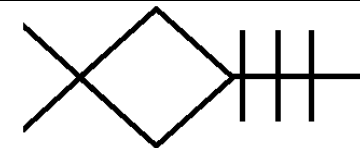
SU



e_x; guš; kus; kuš; kuz; maškum; su; sug₆; sù; šu; šu₁₁

kuš, {+ku-uš}kuš = kuš[skin]; sug₆ = sug[replace]; su = zu[know];
su = sa[equal]; su = sug[empty]; su = si[fill]; su = sud[distant];
su = šul[youth]; su = su[red]; su = su[flesh]; su = su[sprinkle];
su, {+su-mu-ur}sumur = sumur[angry]; su = sum[beard]; su = šu[pestle];
su = su[sink]; su = suḥ[extract]; {+su-lu-ḥu}zulumḥi = zulumḥi[sheep];
su = sun[humble]; su = su[fibers]; su = sub[go]

SUD



sar₄; ser; si_x; sir; sù; sud; sug₄; šù; šir₈; šu_x; šud; šut; šuṭ; šuz; zir₄;
zu₆

sug₄ = sug[empty]; sù = sub[rub]; sù = si[fill]; sud = sud[distant];
sù = su[red]; sù = su[flesh]; šud = šud[prayer]; sug₄ = sug[stand];

sù, {+su}sù = su[sprinkle]; sug₄ = sug[full]; sud = sud[flick];
 {ĝeš}SUD = SUD[post or stake?]; sug₄ = sug[rejoice]; sug₄ = sug[~grain]

SÚD



adar_x; ildag; mešezan_x; ra₄; rad; rat; rata; raṭ; rít; rud; ruṭ; súd; sus_x;
 susu; šida_x; šita; šitan; šiten_x; šušu; zusu

šita = šita[weapon]; šita, {dug}šita, {urud}šita = šitan[water-channel]

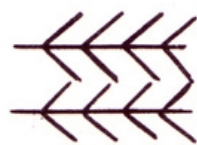
SUḪUR



súḫ; suḫur; súmur; úbi; ugab; zid_x

zid_x(SUḪUR) = zid[flour]; úbi = ubi[fish]; {ĝeš}súmur, súmur = sumur[roof];
 suḫur, {ĝeš}suḫur, {gi}suḫur = suḫur[tuft]; {ĝeš}suḫur, suḫur = suḫur[tool];
 suḫur = suḫur[trim]; {é}suḫur, {gi}suḫur = suḫur[~temple];
 suḫur = suḫur[insert]

SUM



ar_x; ari₆; sar₈; sè; seg₁₀; sì; sig₁₀; sik₁₀; sím; su₁₂; sum; sumu; sùn; súm;
še₁₉; šúm; šúmu; šun₄; zàr

šúm = šum[garlic]; šúm = šum[give]; sig₁₀, {+si}sig₁₀ = sig[put];
sig₁₀ = šeg[brick]; sè = sa[equal]; sig₁₀, {+si}sig₁₀ = sig[impose];
sig₁₀ = sissig[green]; sì = si[fill]; zàr = zar[sheaf]; šúm = šuš[cover];
sig₁₀ = sig[weak]; sì = zir[break]; sig₁₀ = sig[silence];
sig₁₀ = sig[flatten]; sum = sim[sieve]; sig₁₀ = sig[equal];
sig₁₀ = zingi[ankle bone]; sì = si[drunk]

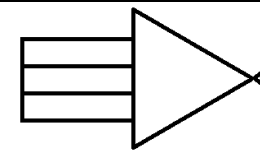
SUR



sur; sura; sur; šar_x; šur; ʔir

sur = sur[press]; sur = sur[harness]; sur = sumur[angry]; sur = sur[spin];
sur = sur[ditch]; sur = sur[bread]; sur = sur[separate]; sur = sur[half];
sur = zur[break]; sur = sur[smile]; sur = sur[be silent?]

ŠA



ara; en₈; li₅; na₅; sa₂₀; ša; zur₈

ša = šag[heart]; na₅ = ak[do]; ša = sag[good]; ša = za'e[you];
na₅ = na[stone]; ša = šab[heart]; ša = šar[3600]; ša = še[call];
{+ša-ga-ag-ga}šakanka = šakanka[market]; ŠA = šanabi[two-thirds];
{ĝeš}na₅, na₅, {+na}na₅ = na[box]; ša = ša[snap]; {d}ara, ara = Ara;
{+ša-ra-an}šáran = šaran[pestle bottom]; ša = šeša[moan];
ara = ara[official]; ša = ša[the one of]

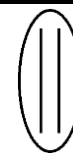
ŠÁR



sár; sára; sáre; šár; šara₆; šargal

šár = šar[~cloth]; šár = šar[3600]; {+ša₄}šár = sar[run]; šár = šar[mix];
šár = šar[slaughter]; šargal = šargal[216000]; šár = šar[perfect?]

ŠÀ



didala; iškila_x; lìb; lìp; peš_x; sa₁₉; šà; šáb; šag₄; šalambi

šag₄, {ġeš}šag₄, {kuš}šag₄, {+šá-ga}šag₄, {túg}šag₄, {urud}šag₄, {uzu}šag₄ = šag[heart];
šáb = šab[heart]; {na₄}iškila_x(ŠÀ) = iškila[shell];
{ú}šalambi, šalambi = šalambi[grass]; lìb = lib[heart]; ŠÀ = sur[cut];
šà = ša[the one of]; šalambi = šalambi[broad]

ŠA₆



a₁₀; ġešimmar; ġešnimbar; ġišimmar; ġišnimbar; ġešimmar; ġešnimbar;
ġešninbar; ġišimmar; ġišnimbar; ħàd; ħud₄; nimbar; pa₉; sa₆; sag₉; seg₆; sig₆;
siqqa_x; ša₆; šag₅

sa₆ = sag[rare]; sag₉, {+sa-a}sag₉, {+sì-ga}sag₉ = sag[good]; sa₆ = sa[pay for];
sa₆ = sa[equal]; ġešnimbar, {ġeš}ġešnimbar, {urud}ġešnimbar = ġešnimbar[palm];
pa₉ = pa[branch]; sag₉ = sag[beat]; sag₉ = saġ[choose]; ħàd = ħad[stick];

$\text{hud}_4 = \text{hud}[\text{arrowhead}]; \text{hud}_4 = \text{hutpu}[\text{arrowhead}]; \text{hud}_4 = \text{hud}[\text{rub?}];$
 $\{\text{ġeš}\}\text{ġešnimbar}, \text{ġešnimbar} = \text{Ġešnimbar}; \text{ġišnimbar}, \{\text{ġeš}\}\text{ġišnimbar} = \text{Ġišnimbar}$

ŠE



$\text{ášnan}; \text{nig}_x; \text{niga}; \text{nigan}; \text{nigu}; \text{sag}_{13}; \text{še}; \text{ši}_x; \text{u}_{20}$

$\text{še}, \{\text{ġeš}\}\text{še} = \text{še}[\text{barley}]; \text{niga}, \{+ni\text{-gu}\}\text{niga}, \{+ni\text{-ga}\}\text{niga} = \text{niga}[\text{fattened}];$
 $\text{še} = \text{sa}[\text{equal}]; \text{še} = \text{eš}[\text{shrine}]; \text{še} = \text{sag}[\text{beat}]; \text{še} = \text{se}[\text{live}];$
 $\text{še} = \text{še}[\text{call}]; \text{še} = \text{šeg}[\text{voice}]; \text{še} = \text{sig}[\text{equal}]; \{\text{d}\}\text{ŠE} = \text{Ašnan}; \text{še} = \text{še}[\text{that}];$
 $\{\text{ġeš}\}\text{še} = \text{še}[\text{cone}]; \text{ášnan} = \text{ašnan}[\text{grain}]; \text{še} = \text{še}[\text{fire}]; \text{u}_{20} = \text{u}[\text{grain}];$
 $\text{še} = \text{še}[\text{hook?}]; \text{še} = \text{še}[\text{shape}]$

ŠE.ĤU



$\text{bazbaz}_x; \text{us}; \text{uš}_{10}; \text{uṣ}; \text{uz}; \text{uza}; \text{ùzu}$

$\text{uz}, \{\text{na}_4\}\text{uz} = \text{uz}[\text{duck}]$

ŠE.NAGA



nidaba; nisaba; tu_x

{d}nisaba, nisaba = Nisabak

ŠEG₉



kiši₆; sa₂₁; sábar; seg₁₄; segga; sig₁₄; sigga; šeg₉; šega₉; šegbar_x; šegga;
šeĝ₉; šeĝbar; šen_x; šenbar

šeĝbar = šeĝbar[animal]; kiši₆ = kiši[ant];
šeg₉, {+si-ig}šeg₉, {+síg}šeg₉, {+še-qa}šeg₉ = šeg[animal]; šeg₉ = šeg[frost]

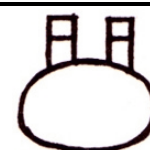
ŠEŠ



áh; áha; ahi; mun₄; muš₅; nan; sas_x; ses; sis; siš; šas; šaš; šaš; šaz; še₁₆;
šes; šeš; šeš; šiš; šiš; šiz; za_x; zaḥ_x

šeš = šeš[brother]; mun₄ = mun[salt]; šeš = šeš[weep]; ses = ses[bitter];
{ĝeš}{šim}ses = ses[plant]; {ĝeš}šeš = šeš[object]

ŠID



àg; àĝ; àk; àka; álal; álamu; álmú; bísag; bísag; bísan; dilib; dim₁₂; élal;
gir₁₃; giri₁₃; gud₉; ka₉; kas₇; kid₄; kirban; kiri₈; la₁₀; lag; lak; laka; laq;
lík; líq; mer₄; nésag; nésag; nísag; nísag; pa₈; písag; písag; písan; sag₅;
sagga; saĝ₅; saĝa₈; saĝa; sanda_x; sanga; sangu; síd; sila₁₁; silag; silag;
sin_x; sít; sub_x; šanga; še₁₄; šed; šet; šid; šit; šita₅; šiti; šítim; šiṭ;
šub₆; šud₄; šudum; šùtum; te₆; tu₁₄; tùba; ubisag; umbisag; umbisaĝ; úttu;
úṭu; zadra; zadri; zadru; zandar; zandara

saĝa = saĝa[official]; bísag, {im}bísag, {dug}bísag = bísag[basket];
nésag = nésag[offering]; šid, {+ši-di}šid, {+ši-id}šid = šid[count];

```

    {d}{+nisaba}ŠID, {d}ŠID = Nisabak; šudum = šutum[storehouse];
lag, {+la-ak}lag, {im}lag = lag[clod]; še14 = šeg[voice]; ŠID = zusik[plucking];
    šudum, {+šu-dum}šudum = šudum[warp]; gir13, {dug}gir13 = gir[jar];
    gud9 = gud[hero]; umbisaĝ = umbisaĝ[scribe]; kid4 = kid[break];
dilib = dilib[hair]; šudum, {+šu-dum}šudum = šudum[reckoning]; {d}úttu = Uttuk;
    silaĝ = silaĝ[knead]; àka, {siki}àka, {+a-ka}àka, {+a}àka = aka[fleece];
    zandara, {im}zandara, {dug}zandara = zandara[object]; {d}úttu = Uttu;
    tu14 = tu[beat]; {d}{+x}ŠID, {d}ŠID, {d}|ŠID×A| = Țalamu; šub6 = šub[lick];
kirban = Kirban; zadru = zadru[object]; {d}saĝĝa = Saĝĝa; {íd}saĝĝa = Saĝĝa;
    {d}umbisaĝ = Umbisaĝ; úttu = uttu[count]; silaĝ = silaĝ[funnel];
    silaĝ = silaĝ[~body]

```

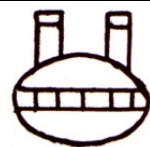
ŠIM×GAR



babir; bappir; bappira; bappiru_x; bir_x; lùmgi; lùnga; nìngi; nùngi; siraš;
 sîris; šin_x

lùnga, {lú}lùnga = lungak[brewer]; bappir = bappir[~beer]; siraš = siraš[beer]

ŠID×A



ala_x; alal; alala_x; alalmu; alamu; almu; bìsag; bìsaĝ; bìsan; bìzeg; bìzem;
elal; ħubħub; kirbanu; meze_x; mezeg; mezeĝ; mezem; mizeg; mizem; pìsag;
pìsaĝ; pìsan; úbisag; úmbisag; úmbisaĝ
bìsaĝ, {ĝeš}bìsaĝ = bìsaĝ[basket]; alal = ala[drum];
ùmbisaĝ = umbisaĝ[scribe]; mezem = meze[jaw];
alal, {ĝeš}alal, {+a-lal}alal, {urud}alal, {dug}alal = alal[tube];
mezem = meze[drum]; {ĝeš}alal = alal[wood?]; ħubħub = ħubħub[container];
alamu = Allamu; almu = Almu

ŠIM



ásila; ásilal; ásilla; bábir; báppir; báppira; bappiru_x; bir_x; girim_x; lungi;
lunga; mud₅; mulug_x; ningi; nug_x; nungi; reg; rek; req; rig; rik; riq; sem;
siraš; siris; siriš; su₂₀; šem; šim; šem; šémbi; šembizi; šembizid; šembulug_x;
ši₆; šim; šimbi; šimbizi
{lú}lunga, lunga = lungak[brewer]; báppir = bappir[~beer];

šim, {ĝeš}šim, {ú}šim, {+ši-im}šim, {+ši-x}šim = šim[aromatics];
 {ĝeš}ŠIM = šimgig[tree]; šembizi = šembizida[kohl]; ásilal = asilala[joy];
 {d}siraš = Siraš; {dug}šim, šim = šim[basin]; mud₅ = mud[joy];
 ŠIM = ŠIM[a vessel]

ŠIR



as₅; aš₇; ášgi; gasa_x; sil₈; sir₄; siru; sirum; šer; šeri; šir; šùr
 šir = šir[song]; šir = šir[testicle]; ŠIR = ŠIR[~person]

ŠU



giri_x; kat₇; qad; qat; qata; sagi_x; šu; taka_x
 šu, {túg}šu, {ĝeš}šu, {kuš}šu = šu[hand]; šu = šum[give]; šu = sud[distant];
 {+šu-ḥa-ad}sukud = sukud[height]; šu = sug[stand]; šu, {na₄}šu = šu[pestle];
 šu = ši[life]; {ĝeš}šu, {gi}šu, {urud}šu = šu[handle];
 {+šu-ri-in}šurin₅ = šaran[pestle bottom]; {d}šu-{+x-gu}PA = ŠuPA

ŠUBUR



sáh; saḥa; siḥ; subar; subir; subur; šah; šaḥa; šeḥ; šiḥ; šubar; šubur;
šubura; šúḥ; šeḥ; zéḥ; zih

šah, {munus}šah, {ġeš}šah = šah[pig]; subur = subur[slave]; subir = Subir;
{ġeš}subur = subur[chariot]; šubur = subur[chariot]

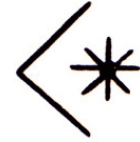
ŠÚ



éšša; gala₆; šú; šubartin; šúš

šú = šu[hand]; šúš, {kuš}šúš, {+šu-u}šúš = šuš[cover]; šú = sug[stand];
šú = su[sink]; {gi}šúš, {ġeš}šúš = šu'a[stool]; šú = sub[go]; šúš = suš[grease];
šú = šu[totality]; {ú}{gi}šú = šu[plant]; {urud}šú = šu[pan];
šúš = šuš[one-sixth]

ŠÚ.AN



én; gibil₇; íši; gíbir; kibir; kúnga; kúngi; suḥul; sulgar; še₉; šuḥub

```
šuhub = suhub[boots]; še9 = šeš[weep]; én = en[incantation];  
kibir = kibir[implement]; šuhub = suhub[tread]
```

TA



dá; ta; ɬá

```
ta = teġ[near]; ta = tuku[acquire]; ta = raḥ[beat]; ta = tab[double];  
ta = tar[cut]; ta = tag[touch]; {+ta-ak-kal}daġal = daġal[wide]; ta = taḥ[add];  
ta = ta[what?]; ta = tu[incantation]; {+ta-al-ta-al}|PI = tal[broad];  
{+ta-aḥ-ta}taḥtu = taḥtu[defeat]
```

TA×ḤI



alammuš; alamuš; làl; ru₈

```
àl = lal[syrup]; {d}alammuš, alamuš, {d}{+x}alammuš = Alammuš;  
lâl, {ġeš}lâl = lal[sweet]; làl = lal[priest]
```


TAB



dáb; dáp; dápa; man_x; min₆; tab; taba; tap; tapa; ɫab; ɫap

dáb = dab[seize]; min₆ = min[two]; tab = tab[double]; tab = dib[pass];
tab = tab[burn]; tab = tab[grasp]; dáb = dib[burn]; tab = tab[flatten];
tab = tab[begin]; {d}tab = Tab; {urud}tab = tab[point]; tab = tab[illness]

TAG



da₆; daq₆; guruš₄; su_x; sub₆; subu; suh_x; sum₆; šum; šán; šerid; šerim; šu₁₄;
šum; šumu; šuš₄; tà; tag; taga; tak; taka; taq; tibir; tuku₅; uttu_x; zíl

šum = šum[garlic]; tuku₅ = tuku[acquire]; šum = šum[give];
tag, {+ta-ag}tag = tag[touch]; {+ta-ag}tag, tag = taka[abandon]; sub₆ = sub[rub];
tuku₅ = tuku[beat]; tag = dag[demolish]; šum = šum[slaughter];
{urud}šum, šum = šumme[saw]; tibir = šibir[staff];
{ĝeš}šerim, šerim = šerim[~loom]; tibir = tibir[hand]; guruš₄ = guruš[cut];
šuš₄ = šuš[cut]; {ĝeš}TAG = TAG[a wooden implement]; {ĝeš}TAG = TAG[~loom];
tag = tag[fabric]

TAK₄



ázad; da₁₃; dad; dat; erbura; esir_x; gid₆; gud_x; gudibir; irbura; kam_x; kíd;
kít; šu_x; šuru₆; šurum₆; ta₆; tad; tag₄; tak₄; taka₄; tat; tuk_x; ʔat; ur_x

taka₄ = taka[abandon]; kíd = kid[mat]; šurum₆ = šurum[litter];
kíd, {+ki-id}kíd = kid[break]; kíd, {+ki-id}kíd = kid[cut]; ázad = azad[shelter];
erbura = erbura[copulation?]

TAR

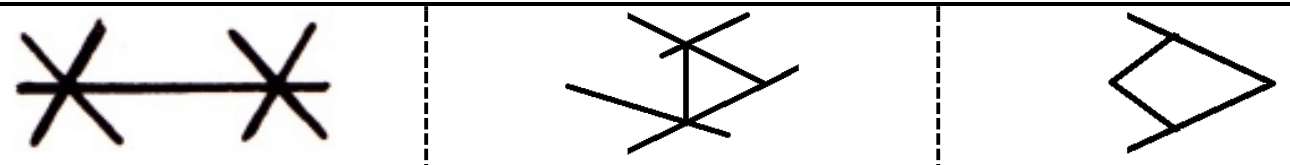


dar₆; gud₄; ʔas; ʔaš; ʔaš; ʔaz; ʔiz; ʔús; ku₅; kud; kudma; kuksu; kur₅; kuru₅;
kurum₅; kut; kutu; qadma_x; qadmu; qud; qudma; qudmu; qum_x; qut; qutu; sel;
si_x; sil; sila; sulu; šar₇; šel; šil; ta_x; tar; tara; tér; tír; ʔar; ʔír;
ursagsim; ursaĝsim; zil; zìl

sila = sila[unit]; kud = gud[ox]; ku₅ = kud[fish]; kud, {+ku-ud}kud = kud[cut];
tar, {+ta-ár}tar = tar[cut]; sila, {+si-la}sila = sila[street];
sil, {+si-il}sil = sil[split]; sila = asilala[joy]; ʔaš = ʔaš[thigh];
ʔaš, {+ʔa-áš}ʔaš, {+ʔa-aš}ʔaš, {+ʔa}ʔaš = ʔaš[break]; ʔaš = ʔeše[oppressed];

TAR = TAR[garment]; sila = sila[bait]; sila = sila[heel];
 {ku₆}TAR = TAR[fish]; {mu}ḥaš = ḥaš[battle-mace]; kuksu = kuksu[tool];
 TAR = TAR[disease]

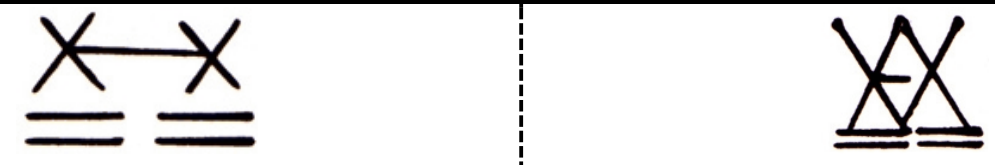
TE



de₄; di₁₂; gal₅; galla_x; gùl; kar_x; kurun_x; múl; te; tèg; tèĝ; tem_x; temen;
 temenna_x; ten; ti₇; ṭe₄; ṭi₄; unu_x

tèĝ = teĝ[near]; te = ta[what?]; múl = mul[star]; ten = ten[cool];
 te = tu[incantation]; temen = temen[foundation]; te, {uzu}te = te[cheek];
 te = te[pierce]; ten = teš[voice]; múl = mul[foundation]; {ĝeš}te = te[~boat];
 ten = tin[wine]; te = te[membrane]

TE.A



gar₁₄; ka₁₁; kar; kara; kir₈; qár; unu_x

kar = kar[harbor]; kar = kar[flee]; kar = kar[blow]; kar = gar[knob];
 kar = gar[hairstyle]; kar = kar[senior]

TI



de₉; d_ì; te₉; teĝ₄; t_{èl}; ti; tibnu; tidim_x; tig₄; tiĝ₄; t_{ìl}; t_{ìla}; ɛe₆; ɛ_ì

teĝ₄ = teĝ[near]; ti = dug[speak]; de₉ = de[carry]; ti = de[pour];

t_{ìl} = t_{ìl}[complete]; t_{ìl} = t_{ìl}[live]; d_ì = di[speak];

ti, {ĝeš}ti, {uzu}ti = ti[rib]; ti, {ĝeš}ti, {urud}ti, {+te}ti = ti[arrow];

{ĝeš}ti = ti[lumber]; {+ti-ki-id-la}tigidla = tigidlu[instrument];

{ĝeš}ti = te[~boat]; {ĝeš}t_{ìl}, t_{ìl} = t_{ìla}[grapevine]; ti = ti[~cloth];

{+ti-il-la}tilla = Tilla; {ĝeš}ti = te[~wagon]; tibnu = tibnu[straw]

TIL



sumun; sun; suna; šum₄; šumun; tel; t_{ìl}; ug₇; úš

úš = uš[die]; t_{ìl}, {+ti-il}t_{ìl} = t_{ìl}[complete]; t_{ìl} = t_{ìl}[live]; úš = us[side];

sumun, {+su-un}sumun, {+su-mun}sumun, {+su-[...] }sumun, {ĝeš}{+[...] }sumun, {ĝeš}sumun =

sumun[old]; ug₇ = ug[kill]; úš = uš[block]; úš = uš[poison];



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úš, {+uš}úš = uš[blood]; {+su-un}sun, sun = sun[authoritative]; úš = uš[spittle];
 úš = ušu[alone]; til = tal[clamour]; úš = uš[nugget];
 úš, {gi}úš, {gi}{+uš}úš = uš[reed]; {gi}sun = sun[reed shoot];
 {ĝeš}til, til = til[pole]

TU



dú; dúd; dur₁₁; gur_x; ħú; ħuduš; ku_x; kur_x; martu; martum; ru_x; tu; tud; tum₁₂;
 tur₅; tū

tu = du[build]; tu = tug[textile]; tu = dug[speak]; tu = du[spread];
 tur₅ = tur[small]; tud = utud[bear]; tur₅ = tur[ill];
 tu, {+tu-um-ma}túm = tum[bring]; tur₅ = duru[wet]; tu = duĥ[loosen];
 tu = dul[cover]; {+tu-up-ši-ik}dupsik = dupsik[basket]; tu = tu[incantation];
 martum = Martu; tu = tu[bulb]; martum = Martu; TU = tulu[slacken];
 ħuduš = ħuduš[status]; tur₅ = tur[child]; TU = TU[~sheep]; TU = TU[priest];
 {na₄}ħuduš, ħuduš = ħuduš[stone]

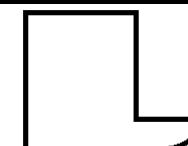
TÚG



ášlag; ázlag; ázlag; dašgari; dul₅; dul₅; egi_x; i₆; mu₄; mur₁₀; muš_x;
taskarin; taškarin; te₅; tiškarin; tiškarini; tu₉; tuba_x; túg; túk; túku;
tumuš_x; tuq_x; umuš; uš₄

```
mu4 = mu[name]; túg, {+te-e}túg, {+tu-ug}túg, {+tu-u}túg, {ĝeš}túg = tug[textile];  
túg = tuku[acquire]; {lú}ázlag, ázlag = azlag[fuller];  
dul5, {ú}dul5 = dul[cover]; mur10, {+mu-u}mur10 = mur[dress];  
{ĝeš}taškarin, taškarin = taškarin[boxwood]; umuš, {+ú-muš}umuš = umuš[planning];  
túg = tug[plow?]; {ĝeš}tuba4 = tubala[harness]; mur10 = mur[fodder];  
i6 = i[clothing]
```

TUK



du₁₂; dúk; duku_x; ráš; ta₉; tu₁₂; tug; tuk; tuku; tuq
tuku = tuku[acquire]; du₁₂ = tur[small]; du₁₂ = du[plant]; tuku = tuku[beat];
du₁₂ = du[suitable]; tuku = tuku[rock]; du₁₂, {+du-u}du₁₂ = du[play]

TUM



dàm; du₄; dum; éb; eger₄; egir₄; egur₄; ép; geškad_x; giškad_x; gur_x; guru_x;
êgeškad_x; êgiškad_x; íb; il_x; íp; si_x; suri; tam₄; tím; tu₄; tum; ɬu₄; ɬum; zib_x

```
tum = tum[bring]; egir4 = egir[back]; tum = tum[suitable];  
six(TUM) = sig[silence]; íb = ib[angry]; íb, {kuš}íb = ib[hips];  
íb = eb[oval]; tum, {êeš}tum = tum[cross-beam]; {d}êgeškadx(TUM) = Êgeškad;  
{na4}TUM = ɬaš[stone]; íb = ib[functionary?]
```

TUR



bàn; bànda; bu_x; damu; de₁₀; di₄; du₁₃; dum_x; dumu; ibila₄; mar₅; maru; peš₇;
pu_x; suɬuš_x; šak₇; šir₆; tir_x; tu₁₉; tul₄; tur; tura; turu; ɬùr; zer_x

```
dumu = dumu[child]; tur = kur[enter]; tur, {+tu-ur}tur = tur[small];  
tur = tur[ill]; di4 = di[speak]; tur = tur[stall]; bàn, {dug}bàn = ban[unit];  
peš7 = peš[thick]; suɬušx(TUR) = suɬuš[offshoot]; tur = tur[child]
```

U



a_6 ; bar_x ; bu_{12} ; $bùr$; $bùru$; $burud_x$; $buzur$; $diš_x$; ge_{14} ; $gešbur_x$; $gibiru$; $giburu$;
 $giguru$; $guru_{12}$; $ġešbur_x$; $hà$; $hù$; $puzur$; $šìl$; $šu_4$; $šuš$; u ; ubu_x ; $umun$; $ún$; unu_x ;
 $ušur_5$; $utaḥ_x$; utu_x

$u = ud[sun]$; $u = u[and]$; $u = a[water]$; $umun = umun[lord]$; $šuš = šuš[cover]$;
 $šu_4 = su[red]$; $bùr = bur[bowl]$; $umun = imin[seven]$; $diš_x(U) = diš[one]$;
 $bùr = bur[unit]$; $u = u[ten]$;

$burud_x(U)$, $\{+bu-ur\}burud_x(U)$, $\{+bu-ru\}burud_x(U) = burud[perforate]$; $u = in[abuse]$;
 $\{+u-mu-un\}úmun = umun[knowledge]$; $šu_4 = sub[go]$; $umun = umun[blood]$;

$puzur = puzur[secret]$; ge_{14} , $\{+ge-e\}ge_{14}$, $\{uzu\}ge_{14} = ge[blow]$; $šu_4 = šu[totality]$;
 $\{+u-mu-un\}umun_5 = umun[pit]$; $\{ġeš\}šu_4 = šu[basket]$; $\{d\}u$, $\{d\}\{+ú\}u = U$; $u = u[hole]$;
 $u = u[finger]$; $u = u[totality]$; $giguru = giguru[edge]$;

$\{na_4\}šu_4 = šuš[pounding\ stone]$; $šu_4 = šu[pan]$; $šu_4 = šuš[cut]$;

$šuš = šuš[one-sixth]$; $umun = umun[king]$; $\{+u-mu-na\}umun_{12} = umuna[seaweed?]$;
 $bùru = buru[surpassing?]$; $šìl = šìl[equipment]$; $u = u[abuse]$; $u = u[earth]$;
 $u = u[gift]$



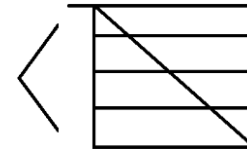
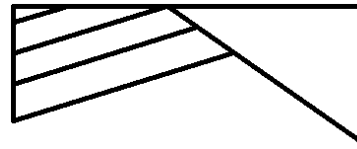
U.AD



gir₄; ìsi; ìsim; ìsimu; kir₁₃; kiri_x

gir₄, {dug}gir₄ = gir[oven]; ìsim = isin[stalk]; ìsim = isim[aromatic];
ìsim = isim[fattener]

U.DAR



ašdar; muš_x; ugun; ugunu

ugunu, {gi}ugunu = ugunu[decoration]; ašdar = Ištar

U.GAN



saman₄; šagan; šaĝan; šakan; šakkan; šáman

šaĝan, {dug}šaĝan, {kuš}šaĝan, {na₄}šaĝan, {bur}šaĝan, {ĝeš}šaĝan = šaĝan[flask];
šagan = amagan[mother]; {d}šakkan = Šakkan; šáman, {dug}šáman = šaman[vessel]

U.GUD



du₇; mul₄; ra_x; ru₅; ul; ula; ùllu; ulu; ur₆

du₇ = du[build]; du₇ = dug[speak]; du₇ = du[spread]; du₇ = du_h[loosen];
du₇ = du[perfect]; {na₄}ul = utul[tureen]; mul₄ = mul[star]; ul = ul[distant];
du₇ = dud[combat]; du₇, {+du}du₇ = du[suitable]; ul = ul[swell]; du₇ = du[hold];
ul = ul[hasten]; {kuš}ul, ul = h_ul[leash]; du₇ = du[play];
ul, {urud}ul, {kuš}ul = ul[fruit]; |U.GUD| = U.GUD[unit]; du₇ = du[platform];
ul = ul[negative]; ul = ul[unit]; du₇ = du[square]

U.SAG



mu_h_x; sagdul; sagšu; sagtuš_x; saĝdul; saĝšu; saĝtu_x; saĝtur_x; saĝtuš_x; ugu_x

{túg}saĝšu, saĝšu, {+saĝ-šu}saĝšu, {urud}saĝšu = saĝšu[cap];
saĝdul = saĝdul[head-covering]



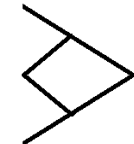
UB



ár; ára; ub; uba; ubda; úbu; up; war_x

up = ud[sun]; ár = er[tears]; ár = ar[praise]; ub, {urud}ub = ub[corner];
{kuš}ub, ub = ub[drum]; ár = ar[ruin]; {gi}ub = ub[reed]; ub = ub[enunciate]

UD



a₁₂; àḥ; al₅; amna; ara₇; aya_x; báb; babar; babbar; bar₆; bara_x; bér; beš₁₂;
bír; da₇; dadag_x; dág; dām; e₈; gal₈; ḥa₅; ḥád; ḥáda; ḥàš; ḥeš; ḥis; ḥiš; ḥúd;
kum₄; la₇; laḥ; liḥ; luḥ_x; māṣit; par; para; per; peš₁₂; pir; pírig; píriġ;
rà; sa₁₆; salaḥ; síki; šamaš; šarag; šītu; ta₅; tam; tama; tú; ṭám; u₄; ud;
ug₄; ul₆; úm; un₅; ut; uta; utu; uṭ; waṣit_x; wāṣit_x; zala_x; zalag; zalaga;
zalaḥ; zalaqa_x

ud, {d}ud = ud[sun]; u₄ = u[grass]; ud = uzud[goat]; babbar = babbar[white];
{d}utu, utu = Utu; tam = tab[double]; tú = utud[bear]; àḥ = aḥ[dry];

```

    ud, {+ú}ud = ud[storm]; laḥ = laḥ[bring]; píriĝ = piriĝ[lion];
    zalag = zalag[shine]; u₄ = u[admiration]; dadagₓ(UD) = dadag[bright];
    u₄ = ua[oh]; tú = tu[incantation]; kum₄ = kum[hot]; síki = siki[~bread];
    bír = bir[shred]; tam = tam[clean]; ud = udi[admiration]; ḥád = ḥad[bright];
    šarag = šarag[dry]; ud = ud[when]; tam, {+ta-am}tam = tam[trust];
    bír, {+bi-ir}bír = birig[sneer]; ud = uda[if];
    zalaḥ = zalaḥ[slip through an opening]; {+su-ud}súd-{+su-ud}súd = sud[grind];
    {d}utu = Utu[sun-god]; la₇ = laḥ[beat]; zalag, {na₄}zalag = zalag[stone];
    u₄ = u[bellow]; {d}ud, {d}{+u}ud = Ud; àḥ = uḥ[~paste]; ul₆ = ul[bright];
    ḥàš = ḥaš[debt-slavery]; ḥàš = ḥaš[soft]; pírig = pirig[bright];
    u₄ = u[purslane]

```

UD.KÚŠU



aḥ₆; akšak; garu; ḥuya; keš₁₈; keši₁₈; kúa; kuia; kušaₓ; kùšu; kúwa; kúya; u'₄;
 úḥ; úḥu

aḥ₆, {urud}aḥ₆ = aḥ[spittle]; {ĝeš}úḥ = uḥ[weathervane];
 {ĝeš}kúwa = kuwa[weathervane]; {urud}úḥ = uḥ[slag]

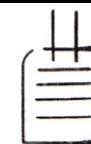
UD×EŠ



a_{13} ; ar $\dot{h}$ u; du $_{16}$; id $_8$; iti; itid; itu; itud; u $_{22}$

itud = itud[moon]

UM



dé $\dot{h}$; dé $\dot{h}$ i; dí $\dot{h}$; dí $\dot{h}$ i; samag $_x$; sumug $_x$; šumug $_x$; té $\dot{h}$; té $\dot{h}$ i; tur $_x$; u $_{16}$; um; umu

um = u[ewe]; um = me[be]; tur $_x$ (UM) = tur[ill]; { $\acute{g}$ eš}dé $\dot{h}$ i = di $\dot{h}$ [weed];
té $\dot{h}$ i = te $\dot{h}$ i[approach]; dí $\dot{h}$, {+de-e $\dot{h}$ }dí $\dot{h}$, {+te- $\dot{h}$ i}dí $\dot{h}$ = di $\dot{h}$ i[illness];
um, {gi}um = um[rope]; té $\dot{h}$ i = te $\dot{h}$ i[disease]; {+um-ba-ra}umbara = umbara[aid];
{d}um = Umme

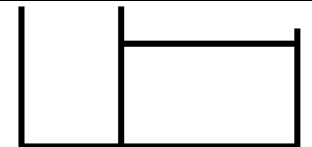
UMUM



simug; umum; úmun

umum = umun[lord]; simug, {lú}simug, {d}simug = simug[smith];
úmun = umun[knowledge]; úmun = umun[blood]; {d}UMUM = Ninagalak;
{d}simug = Simug; úmun = umun[body]; {d}UMUM = Ninaĝal

UR



a₈; àia; àya; das; daš; dèš; dul_x; kalab_x; kalbu; leq; li₇; lig; lik; liki;
liq; lu₆; nig_x; ru₇; sur_x; šudul_x; šuzi; tan₈; tas; taš; taša; taş; taz; téš;
téš; tíš; tíš; tíş; tíz; țaş; ur; ura; uru₁₃

lu₆ = lu[person]; ur = ur[pluck]; ur = ur[root]; ur, {ĝeš}ur, {lú}ur = ur[dog];
{ĝeš}šudul_x(UR) = šudul[yoke]; téš = teš[unity]; ur = ur[he];

téš, {+diš}téš, {d}téš, {uzu}téš = teš[shame]; nig_x(UR) = nig[dog]; ur = ur[man];
ur, {lú}ur = ur[enemy]; téš = teš[voice]; UR = UR[~beer]; ur = ur[servant];
kalab_x(UR) = kalab[dog]

URI



ari; ir_x; kínda; tilla; tilla; ur₁₀; uri; uru₁₉

tilla = tilla[street]; kínda = kinda[barber]; uri = ur[enemy];
uri, {urud}uri = uri[vessel]; uri = Uri; ari = Ari; tilla = Tilla;
uri, {ĝeš}{šim}uri = uri[resinous bush?]; {ĝeš}uri = uri[object]

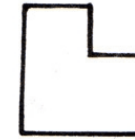
ÛRI



ùri; urim_x; urin; ùru; urun

ùru = uru[city]; urin, {gi}urin, {ĝeš}urin, {urud}urin, {ú}urin = urin[standard];
ùru = uru[guard]; urin = urin[blood]; urin = urin[pure]

URU



al₈; ala; ale; ali; alu; er₄; ere; eri; ir₄; iri; lu₈; ré; rí; ru₉; šig_x; u₁₉;
ulu₄; uru

iri = ara[times]; uru = erin[people]; iri = iri[city]; uru = uru[city];
iri = ar[praise]; uru = urun[exalted]; rí = ri[distant]; {kuš}ala = ala[drum]

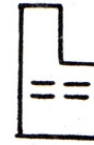
URU×BAR



barim_x; kiĝ_x; kin₅; ukken; ukkin; unken; unkin

kin₅ = kiĝ[seek]; unkin, {+un-kin}unkin = unkin[assembly];
{d}{+x}unken, {d}unken = Unken; {d}unkin, {d}{+x}unkin = Unkin

URU×MIN



gàl; gišgal; ĝešgal; ĝišgal; išdaya_x; lu₇; qàl; ri_x; sùk; u₁₈; ul₁₂; ùlu; uru₁₇;
zìk

uru₁₇ = iri[city]; ùlu = lulu[man]; uru₁₇ = urun[exalted]; uru₁₇ = uru[flood];
ĝišgal, {ĝeš}ĝišgal, {+ĝiš-gal}ĝišgal = ĝišgal[station]

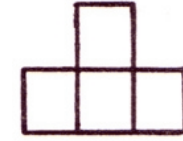
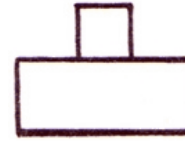
URU×UD



ararim_x; erarim_x; eri_x; erim₆; erin₆; ru₄; úru; urum_x; ururim; urušib_x;
úrutamga

úru = iri[city]; úru = uru[city]; úru = ulu[wind]; erim₆ = erim[storeroom];
úru = uru[flood]; úru = ur[enemy]; úrutamga = Urutamga; ururim = Ururim

URUDA



da₅; dab₆; mebulug; menbulug; minbulug; šén; urud; uruda; urudu

dab₆ = dab[seize]; urud = urud[copper]; dab₆ = dab[go around];
šén = šén[verdigris]; minbulug = minbulug[pin]

ÚR



úr; uru₈

úr = ur[drag]; úr, {ĝeš}úr, {gi}úr, {+ur}úr, {urud}úr, {uzu}úr = ur[root];
{ĝeš}ÚR, {ĝeš}|ÚR×A|, {ĝeš}|ÚR×(A.ĤA)|, {ĝeš}|ÚR×(A.NA)|, |ÚR×(A.NA)|, {ĝeš}|ÚR×ĤA|,
{ĝeš}|ÚR×KAL|, |ÚR×KAL|, {ĝeš}|ÚR×UD| = nurma[pomegranate]; úr = guru[shield];
úr = ur[enemy]; úr = mur[lung]; úr = ur[limbs]; úr = ur[keel?];
{túg}úr = ur[trim]

ÚR×NUN



ušbar; ušbur

ušbar = ušbar[in-law]

UR₄



gur₁₅; ur₄; ura₄

ur₄, {ú}ur₄, {+ur}ur₄ = ur[pluck]; ur₄ = ur[convulsed]; ur₄ = ur[fish]

ÙZ



sur_x; ud₅; uda₅; ùs; ut₅; ùz; ùza; uzud

uzud = uzud[goat]; ùz = uz[duck]; {mul}uzud = Uzud[Goat]

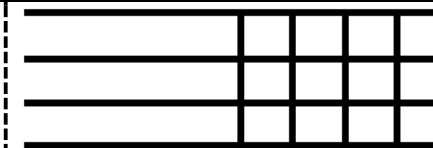
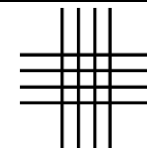
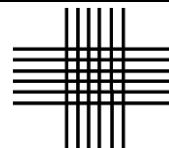
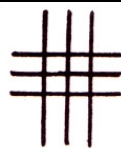
UŠ



gèš; gîš; guruš_x; êèš; êîš; ir_x; iš₁₀; meš_x; miš_x; ned; net; neṭ; nid; ninda_x;
ninta; nintaḥ; nintaḥu; nit; nita; nitaḥ; nitaḥu; nitta_x; niṭ; unu₈; ús; úsa;
úsu; úš; uš; úṣ; úz

ús = us[follow]; nita, {+ni-ta}nita, {+ni-it}nita = nita[male]; ús = us[side];
ús = ud[storm]; uš = eš[three]; êèš, {+ge-eš}êèš, {+êeš-šú}êèš = êeš[penis];
uš = uš[poison]; uš = uš[foundation]; uš = uš[unit]; {d}nita = Nitaḥ;
uš = uš[three]; unu₈ = unu[stick]

Ú



ba₆; bir_x; bu₁₁; ĥazabur; kazab; kazabu; kazabur; kazbi; kazbu; keš_x; kilibu;
kùš; kušum_x; kuzbi; kuzbu; mašammi; maššam; matšammi; matšammu_x; pu₁₁; sam;
šam; tešbi; ú; uga_x; wà; wu_x

ú = ud[sun]; ú = us[follow]; ú = u[and]; ú = u[ewe]; ú = u[grass];
ú = uzud[goat]; kùš = kuš[unit]; {túg}Ú, Ú = Ú[cloth]; ú, {ġeš}ú = u[ride];
ú = u[sleep]; ú = u[ten]; {+ú-tu-ú-a}útuwa = utuwa[ram];
{+ú-ru-gal}irigal = irigal[underworld]; ú = u[oil];
{+ú-bi-sag}umbisaġ, {+ú-bi-šá-ga}úmbisaġ = umbisaġ[scribe];
{kaš}bir_x(Ú) = kašbir[beer]; {na₄}ú, ú = u[emery]; ú = u[load];
kazabur = Kazabur; ú = u[defeat]; kazab = Kazab; kuzbu = Kuzbu;
mašammi = Matšammi; ú = u[bed]; ú = u[horn]; ú = u[peace]; ú = u[pitfall]

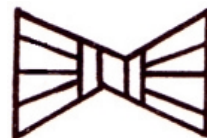
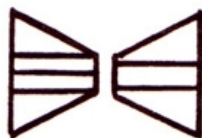
ZA



sà; şa; za; zágga; zam_x; ze₄

za = zig[rise]; za = zal[pass]; za = zu[know]; sà = sag[good];
sà = sa[pay for]; za = zag[side]; za = zu[tooth]; za = sum[beard];
za = za[bead]; za = za[man]; zágga = zagga[twitter]; {ĝeš}ZA = ZA[boat];
za = za[close?]

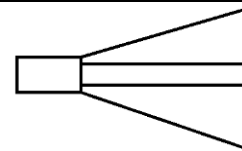
ZAG



bute; buti; butu; en₇; enkud_x; puta; pute; puti; putu; sa_x; sak₆; şak; zà;
zag; zak; zaq; zik

zag = saĝ[head]; zag = zal[pass]; zag = sag[good]; sa_x(ZAG) = sa[equal];
zag, {na₄}zag, {kuš}zag, {ĝeš}zag, {urud}zag, {uzu}zag = zag[side]; zag = saĝ[choose];
en₇ = enna[until]; enkud_x(ZAG) = enkud[tax-collector]; zag = zag[measure];
zà = zib[mark]; zag = zag[nose-rope]; zag = zag[sweet]

ZÉ



se₂₀; si₂₀; še; ši; zé; zí

zí = zig[rise]; zé = sig[put]; zí = sissig[green]; zé = za'e[you];
zí = zi[cut]; zí = zir[break]; zé = se[live]; zé, {uzu}zé = ze[gall bladder];
zé = zé[warp]; zé = ze[run]; zé = ze[dirt]

ZI



sé; sí; še; ši; ze; zi; zid; zìg

zi = zid[flour]; zìg = zig[rise]; zid = zid[right]; zi = sig[put];
zi = zu[know]; sí = si[horn]; zi = sissig[green]; ze = za'e[you];
zi = zi[cut]; zi = zi[life]; zi = zeb[good]; zi = sisi[horse]; sí = ši[life];
{ĝeš}zi = su[fibers]; zi = zu[stone]; {+i-zi-ga-ri}izi-ĝar = iziĝar[torch];
sí = aš[spider];
{+zi-bi-in}zíbin, {+zi-ib-ni}zíbin, {+zi-x-in}zíbin = zibin[caterpillar];

{+zi-ga-ar}zigara, {+zi-ga-rum}zigara, {+zi-ka-ra}zigara = zigara[heavens];
 zi, {gi}zi = zi[chirp]; {+zi-ku-um}zikum = zikum[heavens];
 {+zi-ku-ra}zikura = zikura[earth]

ZU



ka₁₄; ki₆; sú; sud_x; šú; za_x; zu

zu = zu[know]; zu = zi[cut]; sú = šuš[cover]; zu = zu[tooth]; sú = su[red];
 sú = su[flesh]; zu = name[any]; zu = E'abzu; zu = zu[material];
 {+zu-u-bi}zub = zub[stick]

ZU₅×A



azu; úšbar; úšbur; úzu; zu_x

azu = azu[doctor]; úšbar = ušbar[in-law]; úzu = uzu[diviner]

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